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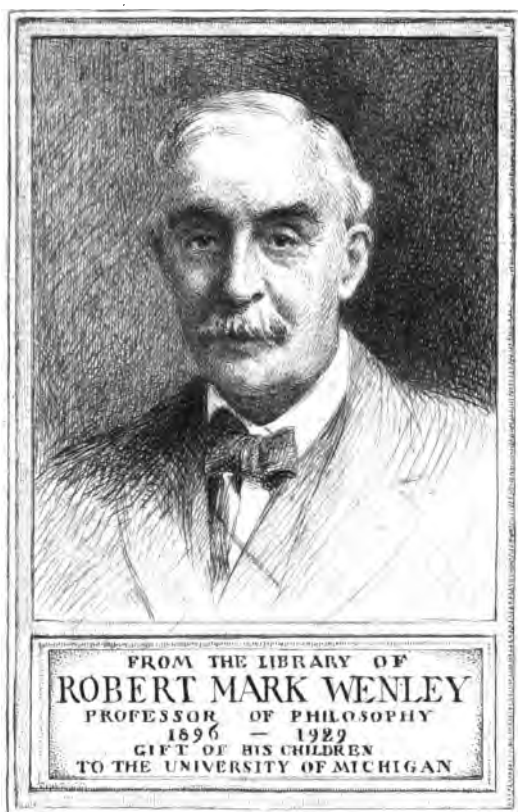
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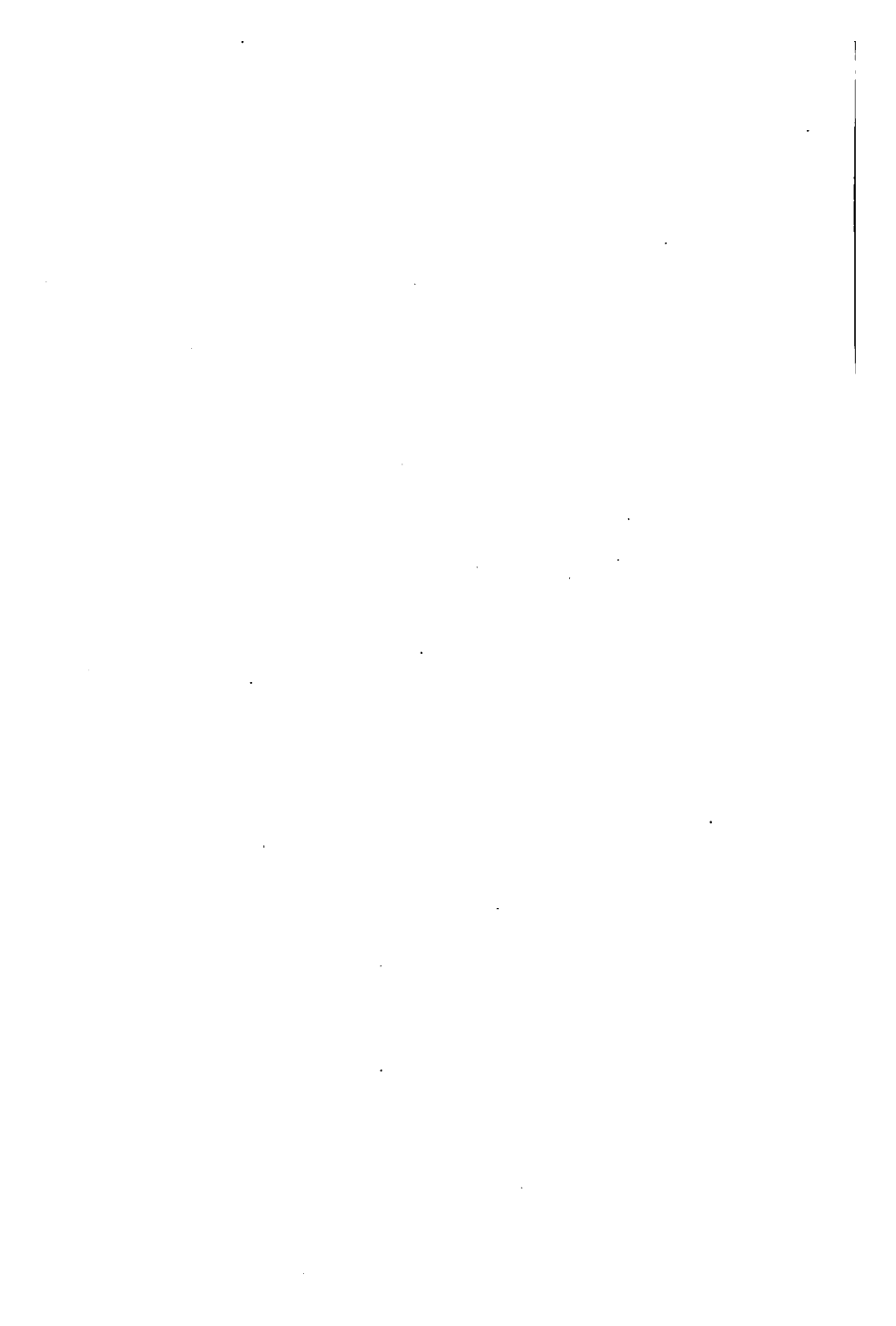
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Glasgow University.

Queen Margaret College

CALENDAR

FOR SESSION

1891-92.



GLASGOW:

JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET,

Publishers to the University.

1891.

Price 1s. ; or by Post, 1s. 2d.

20

St. West, lit
6-21-39

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Queen Margaret College.

CALENDAR, 1891-92.

| | |
|------------|---|
| 1891. | |
| OCT. | |
| 15, Thur. | Matriculation for the year begins. |
| 20, Tues. | |
| 21, Wed. | Winter Session of Medical School begins. |
| 22, Thur. | |
| 23, Fri. | |
| 24, Sat. | |
| 26, Mon. | |
| 27, Tues. | |
| 28, Wed. | |
| 29, Thur. | |
| 30, Fri. | |
| 31, Sat. | |
| NOV. | |
| 2, Mon. | Classes in Arts begin—Opening Lecture. Library and Reading Room [open.] |
| 3, Tues. | First Lectures on Logic, Eng. Lit., Ger. Lit., Hist., Old Test. Lit. |
| 4, Wed. | " " Natural Philosophy, Art. |
| 5, Thurs. | |
| 6, Fri. | |
| 7, Sat. | " " French Literature and Language. |
| 9, Mon. | |
| 10, Tues. | |
| 11, Wed. | |
| 12, Thurs. | " " Astronomy. |
| 13, Fri. | |
| 14, Sat. | |
| 16, Mon. | |
| 17, Tues. | |
| 18, Wed. | |
| 19, Thurs. | |
| 20, Fri. | |
| 21, Sat. | |
| 23, Mon. | |
| 24, Tues. | |
| 25, Wed. | |
| 26, Thurs. | |
| 27, Fri. | |
| 28, Sat. | |
| 30, Mon. | |
| DEC. | |
| 1, Tues. | |
| 2, Wed. | |
| 3, Thurs. | |
| 4, Fri. | |
| 5, Sat. | |
| 7, Mon. | |
| 8, Tues. | |
| 9, Wed. | |
| 10, Thurs. | |
| 11, Fri. | |
| 12, Sat. | |
| 14, Mon. | |
| 15, Tues. | |

1891.
 DEC.
 16, Wed.
 17, Thurs.
 18, Fri.
 19, Sat.
 21, Mon.
 22, Tues.
 23, Wed.
 24, Thurs. CHRISTMAS VACATION begins.
 1892.
 JAN.
 4, Mon. Classes resumed after Vacation.
 5, Tues.
 6, Wed.
 7, Thurs. Fiftieth Lecture on Chemistry and Physiology.
 8, Fri.
 9, Sat.
 11, Mon.
 12, Tues.
 13, Wed.
 14, Thurs.
 15, Fri.
 16, Sat.
 18, Mon.
 19, Tues.
 20, Wed.
 21, Thurs.
 22, Fri.
 23, Sat.
 25, Mon.
 26, Tues.
 27, Wed.
 28, Thurs.
 29, Fri.
 30, Sat.
 FEB.
 1, Mon. Second Term of Tutorial Classes begins.
 2, Tues.
 3, Wed.
 4, Thurs.
 5, Fri.
 6, Sat.
 8, Mon.
 9, Tues.
 10, Wed.
 11, Thurs.
 12, Fri.
 13, Sat.
 15, Mon.
 16, Tues.
 17, Wed.
 18, Thurs.
 19, Fri.
 20, Sat.
 22, Mon.
 23, Tues.
 24, Wed.
 25, Thurs.
 26, Fri.
 27, Sat.
 29, Mon.

1892.
MARCH.

1, Tues.
2, Wed.
3, Thurs.
4, Fri.
5, Sat.
7, Mon.
8, Tues.
9, Wed.
10, Thurs.
11, Fri.
12, Sat.
14, Mon.
15, Tues.
16, Wed.
17, Thurs.
18, Fri.
19, Sat.
21, Mon.
22, Tues.
23, Wed.
24, Thurs. Med. Prelim. Exam. for Triple Qual.
25, Fri. Do. do. — Winter Sess. of Med. School ends.
26, Sat. Do. do.
28, Mon.
29, Tues.
30, Wed.
31, Thurs.

APRIL.

1, Fri.
2, Sat.
4, Mon.
5, Tues.
6, Wed.
7, Thurs.
8, Fri.
9, Sat.
11, Mon.
12, Tues.
13, Wed.
14, Thurs.
15, Fri.
16, Sat.
18, Mon.
19, Tues.
20, Wed.

21, Thurs.
22, Fri.
23, Sat.
25, Mon. Summer Session of Medical School begins.
26, Tues.
27, Wed.
28, Thurs.
29, Fri.
30, Sat.

MAY.

2, Mon. Names to be given in for Elder Scholarship.
3, Tues.
4, Wed.
5, Thurs.
6, Fri.

1892.

MAY.

7, Sat.

9, Mon.

10, Tues. End of Session for the Arts Classes.

11, Wed.

12, Thurs.

13, Fri.

14, Sat.

16, Mon.

17, Tues.

18, Wed.

19, Thurs.

20, Fri.

21, Sat.

23, Mon.

24, Tues.

25, Wed. Library and Reading Room close.

26, Thurs.

27, Fri.

28, Sat.

30, Mon.

31, Tues. University of Glasgow Local Examinations.

JUNE.

1, Wed.

Do.

do.

do.

2, Thurs.

Do.

do.

do.

8, Fri.

Do.

do.

do.

4, Sat.

6, Mon.

7, Tues.

8, Wed.

9, Thurs.

10, Fri.

11, Sat.

13, Mon.

14, Tues.

15, Wed.

16, Thurs.

17, Fri.

18, Sat.

20, Mon.

21, Tues.

22, Wed.

23, Thurs.

24, Fri.

25, Sat.

27, Mon.

28, Tues.

29, Wed.

30, Thurs. Med. Prelim. Exam. for Triple qualifications.

JULY.

1, Fri.

Do.

do.

2, Sat.

Do.

do.

4, Mon. Summer Session of Medical School ends.

5, Tues.

Queen Margaret College.

President.

H.R.H. PRINCESS LOUISE, MARCHIONESS OF LORNE.

Vice-President.

MRS. CAMPBELL of Tullichewan.

Executive Council.

ELECTED BY THE COLLEGE.

Professor BRADLEY, The University.
 Mrs. EDWARD CAIRD, The University.
 Mrs. ARCHD. COATS, Woodside, Paisley.
 Mrs. CAMPBELL DOUGLAS, 266 St. Vincent Street.
 Miss GALLOWAY, Queen Margaret College, Kelvinside.
 JAMES GRAHAME, 93 Hope Street.
 Miss KINNEAR, 10 Royal Terrace.
 Mrs. LINDSAY, 37 Westbourne Gardens.
 DAVID MURRAY, LL.D., Moore Park, Cardross.
 Mrs. PARKER SMITH, Jordanhill.
 JOHN A. SPENS, 169 West George Street.
 Professor STEWART, D.D., 18 Annfield Terrace, W., Partickhill.
 Professor VEITCH, LL.D., The University.
 Mrs. E. L. YOUNG, 38 Sardinia Terrace.

ELECTED BY THE EXECUTIVE COUNCIL OF THE COLLEGE.

FREDERICK LAING, 34 Sardinia Terrace.

WILLIAM SMART, M.A., Nunholm, Dowanhill.

APPOINTED BY THE SENATE OF THE UNIVERSITY OF GLASGOW.

Professor E. CAIRD, LL.D., The University.

Professor YOUNG, M.D., 38 Sardinia Terrace.

APPOINTED BY THE SCHOOL BOARD OF GLASGOW.

JOHN MORISON, 11 Burnbank Gardens.

APPOINTED BY THE MERCHANTS' HOUSE OF GLASGOW.

ROBERT KING, 115 Wellington Street.

Honorary Treasurers.

CHAS. GAIRDNER, Union Bank of Scotland.
 Mrs. CAMPBELL DOUGLAS, 266 St. Vincent Street. (*Acting.*)

Honorary Secretaries.

JAMES GRAHAME, 93 Hope Street.
 Miss GALLOWAY, Queen Margaret College, Kelvinside. (*Acting.*)

Honorary Secretary for the Correspondence Classes.

Miss DUNCAN, 65 Hamilton Drive.

Assistant Secretary for the Correspondence Classes.

MISS INA URQUHART.

Law-Agents.

MACLAY, MURRAY, & SPENS, 169 West George Street.

Bankers.

UNION BANK OF SCOTLAND.

Auditor.

ROBERT BLYTH, C.A., 115 St. Vincent Street.

EXCERPT

FROM THE

Articles of Association

OF

QUEEN MARGARET COLLEGE.

ARTICLE IV.—The College shall consist of—

- (1) The Subscribers to the Memorandum and Articles of Association.
- (2) All persons who, at the date of the registration of the Memorandum of Association, were members of the unincorporated Association called "The Glasgow Association for the Higher Education of Women."
- (3) All persons not under the age of 21 who have been members of classes of the unincorporated Glasgow Association for the Higher Education of Women, or of the College, and have taken the Higher Certificate, or the Certificate in Degree Subjects, or other qualification of the University of Glasgow open to women.

- (4) Annual Subscribers of not less than 10s. to the funds of the College whose subscriptions shall be accepted by the College.
- (5) Life Members, being donors of £21, or Subscribers of £5 5s. for four successive years.
- (6) Honorary Members, being such persons not Ordinary Members as shall hold any office in the College, whether as Members of the Executive Council or otherwise, or as shall be elected by the College in manner aftermentioned.

ARTICLE V.—Members belonging to classes 1, 2, or 4 of the classes mentioned in the preceding section shall cease to be Members if they do not duly pay an annual subscription of at least 10s. within one month after a demand therefor in each year.

ARTICLE VI.—Any Member may cease to be a Member, by resignation duly intimated by letter addressed to the College at its registered office, 93 Hope Street, Glasgow.

ARTICLE VII.—Any person recommended by the Executive Council may be elected by the College at any meeting an Honorary Member. An Honorary Member shall incur no liability whatever.

ARTICLE VIII.—The Office-bearers of the College shall consist of a President, a Vice-President, who shall preside at meetings of the Executive Council, an acting Treasurer, an acting Secretary, and an Executive Council, of whom twelve shall be elected by the Members. The Senate of the University of Glasgow shall be entitled to nominate annually two persons as Members of Council; and the School Board of Glasgow, and Merchants' House of Glas-

gow, one person each. The Executive Council shall also itself annually nominate two persons. If the Senate of the University of Glasgow, the School Board of Glasgow, or the Merchants' House of Glasgow do not nominate Members, the Executive Council may do so annually in their stead.

ARTICLE XI.—The President shall hold office for life, and the Vice-President, acting Treasurer, and acting Secretary shall be elected annually at each Annual Meeting of the College.

ARTICLE XII.—Members of the Executive Council, other than Representative Members and Members nominated by the Executive Council, shall in general hold office for three years; but at the first and second Annual Meetings of the College four Members of Council, to be determined by agreement among the Members, or, in case of disagreement, by ballot, shall retire. At all subsequent Annual Meetings the four Members who have been longest in office shall retire. An Office-bearer may retire at any time.

ARTICLE XIII.—At each Annual Meeting the College shall elect four Members of Council in room of the four Members who shall then retire.

ARTICLE XIV.—Office-bearers shall be eligible for re-election.

ARTICLE XVI.—The whole affairs of the College shall (subject to such directions as may from time to time be given by General Meetings) be managed by the Executive Council. The Vice-President, acting Treasurer, and acting Secretary shall be *ex officio* Members of the Executive Council.

ARTICLE XVII.—An Annual General Meeting of the College shall be held in Glasgow in the month of April, at a time and place to be fixed by the Executive Council, and of which notice shall be given to the Members by advertisement in any local newspaper, and in such other way, if any, as the Council see fit to direct.

ARTICLE XVIII.—Special General Meetings shall be held as often as necessary, for the despatch of business.

ARTICLE XIX.—Special General Meetings may be convened at the discretion of the Vice-President, or by order of the Executive Council; and on a requisition signed by at least twenty Members, a Special General Meeting shall be called for the business mentioned in the requisition.

Copies of the Memorandum and Articles of Association may be seen at the Office of the Agents for the College, Messrs. MACLAY, MURRAY, & SPENS, 169 West George Street.

Queen Margaret College.

SUBJECTS OF STUDY.

I. IN ARTS.

- | | |
|---|--|
| <p>*A. English Language and Literature.</p> <p>*B. 1. Latin.</p> <p>*B. 2. Greek.</p> <p>B. 3. French.</p> <p>B. 4. Italian.</p> <p>B. 5. German.</p> <p>*†C. 1. Mathematics.</p> | <p>*†C. 2. Natural Philosophy</p> <p>†C. 3. Astronomy.</p> <p>*D. 1. Psychology, Logic, and Metaphysics.</p> <p>*D. 2. Moral Philosophy.</p> <p>D. 3. Political Economy.</p> <p>D. 4. History.</p> <p>D. 5. Scripture.</p> |
|---|--|

II. IN SCIENCE.

- | | |
|--|--|
| <p>†E. 1. Chemistry.</p> <p>†E. 2. Botany.</p> <p>†E. 3. Geology and Physical Geography.</p> | <p>†E. 4. Zoology and Comparative Anatomy.</p> <p>†E. 5. Physiology.</p> |
|--|--|

III. IN MEDICINE.

- | | |
|--|--|
| <p>Chemistry.</p> <p>Botany.</p> <p>Zoology.</p> <p>Physiology.</p> <p>Anatomy.</p> <p>Materia Medica and Therapeutics.</p> <p>Practical Pharmacy.</p> | <p>Surgery.</p> <p>Practice of Medicine.</p> <p>Midwifery and Gynæcology.</p> <p>Medical Jurisprudence.</p> <p>Pathology.</p> <p>Clinical Surgery.</p> <p>Clinical Medicine.</p> |
|--|--|

EXTRA SUBJECTS.

Fine Art.

Music.

Lists I. and II., contain the Subjects for the Higher Certificate for Women; those marked are the subjects for the Certificate in Degree Subjects—* being prefixed to the M.A., and † to the B.Sc. Subjects. List III. contains the subjects for the M.B. and C.M. Degrees.

RULES FOR CLASSES.

The object of the Classes is to place within the reach of women courses of instruction in Arts, in Science, and in Medicine, equal in quality and extent to those offered to the students of the University.

Girls under 17 are admitted to the classes only on the application of the principal of the school hitherto attended, or of a teacher from whom regular instruction is being received, or on production of evidence that they have obtained a Senior Certificate in the Local Examinations of a University.

The Council strongly recommend to parents that girls should not be withdrawn from school to attend Queen Margaret College until they have finished the school course.

Ladies may attend the lectures only, or may also take part, as regular students, in the work of the classes by undergoing examinations and writing exercises on the subjects treated of in the lectures. Class certificates will be given only in respect of regular attendance and performance of the work of the class.

The lectures in the Arts Classes comprehend instruction in the subjects required for the two Certificates for Women granted by the University of Glasgow, viz., the Higher Certificate, and the Certificate in Degree Subjects. Full information regarding these Certificates will be found in the Glasgow University Local Examination Report for 1891 and Regulations for 1892, published by Messrs. MacLehose & Sons, 61 St. Vincent Street, Glasgow, price 6d., or by post 8d. See also pp. 68 and 73 of the Calendar of Queen Margaret College.

The Science Classes prepare for the Degrees of the University of London, and the Medical Classes for the Triple Qualification of the Scottish Colleges, and the

Medical Degrees of London University and the Royal University of Ireland.

NOTE.—It would greatly facilitate the organisation of the Classes if ladies would enter their names before the first Lecture of the Courses which they propose to attend.

Admission to the first lecture of each course is free.

COLLEGE SESSIONS.

The Session of the Arts Classes begins on 2nd November, and ends on 10th May. The Winter Session of the Science and Medical Classes begins on 21st October, and ends on 25th March; and the Summer Session of these classes begins on 25th April, and ends early in July.

The Secretary's Office at Queen Margaret College will be open during the Winter Session from 10.30 a.m. till 5.30 p.m., except on Saturdays, when it will not be open after 1 p.m.

During the Summer Session the office hours are from 11 a.m. till 5 p.m., except on Saturdays, when the office will be closed.

Class tickets may be obtained, and fees paid, at QUEEN MARGARET COLLEGE, KELVINSIDE, GLASGOW. *All fees must be paid in advance.* Names may also be enrolled at Messrs. JAMES MACLEHOSE & SONS', 61 St. Vincent Street. The fee for each lecture course is paid in one sum; for the Tutorial Classes, viz., Latin, Mathematics, German Practice Class, Anglo-Saxon, and Theory of Music, the fees may be paid either in one sum for the whole course, or in two for the term of three months—1st November till 1st February, and 1st February till 30th April. For the terms for the Art Department, see page 42. Students entering at any time during a term pay the fee for the whole term. Ladies

attending during one term, who do not propose to enter for the following term, are required to give notice of this to the Secretary not less than one week before the end of the term they have taken. *Failing such notice they will be liable for the fee for the second term.*

Before enrolment each student is required to pay, for the Winter Session, a matriculation fee of 5s., which entitles her to the use of the Consulting Library and Reading Room during the session.

For the Summer Session the matriculation fee is 2s. 6d.

The Committee of the Governess Loan Fund makes grants of money, without interest, to ladies engaged in or preparing for the profession of teaching, who fulfil the conditions fixed by the Committee. Applications should be made as soon as possible after the 1st October to Mrs. Mills, 5 Hillhead Street, Glasgow, Convener of the Loan Committee, from whom further information may be obtained. (See page 107.)

A free ticket, for the use of a governess accompanying not fewer than two pupils, will be granted to the head of any family, or of any Ladies' School, on application in writing to the Secretary.

CLASS CERTIFICATES.

In all the classes Certificates for regularity of attendance and for excellence in the work of the class will be given by the Lecturers and Tutors. These Certificates will be issued in three grades, viz. :—The first class to students who take from 80 to 100 per cent. of marks in the class work for the year ; the second to those who take from 60 to 80 ; and the third to those who take marks below 60 ; but only the first and second class certificates will be available for the General College Certificate.

General College Certificate.

All students of Queen Margaret College are earnestly recommended to take the Certificate in Degree Subjects, or at least the Higher Certificate for Women, offered by the University of Glasgow. But, in order to supply evidence that students have passed through a satisfactory curriculum in Queen Margaret College, and have regularly attended the lectures and done the work of the classes, the Council of Queen Margaret College have instituted a General College Certificate, which will be granted on the following conditions :—

I.—Candidates must have attended the College for three Sessions, and taken at least six classes (in each of which a full course of lectures or lessons has been given*).

II.—In each class which is to be counted for the General College Certificate the candidate must be certified by the Lecturer or Tutor to have done the prescribed work in a satisfactory manner.

III.—For the purposes of the General College Certificate, the classes are divided into three departments, as follows :—

DEPARTMENT OF LANGUAGES AND HISTORY.

English Language and Literature.

French Language and Literature.

German Language and Literature.

Latin.

Greek.

History.

* Two half courses of Lectures or Lessons will count as a full course.

DEPARTMENT OF PHILOSOPHY AND POLITICAL ECONOMY.

Psychology, Logic, and Metaphysics.

Moral Philosophy.

Political Economy.

DEPARTMENT OF MATHEMATICS, PHYSICAL AND
BIOLOGICAL SCIENCE

Mathematics.

Natural Philosophy.

Chemistry.

Botany.

Geology and Physical Geography.

Zoology.

Physiology.

All candidates for the General College Certificate are required to attend at least one class in each department, and are not allowed to count for the Certificate more than three classes in any one department.

IV.—When different portions of a subject are taken up in a class in successive years, attendance on the class for two sessions may be reckoned as attendance on two classes. For the purposes of the General College Certificate, no distinction will be made between Lecture and Tutorial Classes.

Classes in Queen Margaret College attended previously to the institution of the Certificate may count as part of the curriculum for it, in so far as they conform to the above requirements.

LECTURERS AND TUTORS IN QUEEN MARGARET COLLEGE.

I.—IN ARTS.

LOGIC—Professor Veitch, LL.D. ; and R. M. Wenley, M.A., D.Sc.,
Examiner for Degrees in Arts in the University of Glasgow.

MORAL PHILOSOPHY—Professor E. Caird, LL.D. ; and R. M. Wenley, M.A., D.Sc.

POLITICAL ECONOMY—William Smart, M.A., Lecturer on Political Economy in the University of Glasgow.

NATURAL PHILOSOPHY—Professor Blyth, M.A., F.R.S.E., Glasgow and West of Scotland Technical College.

ENGLISH LANGUAGE AND LITERATURE—Professor Bradley, M.A. ; and C. W. Egerton, M.A.

FRENCH LANGUAGE AND LITERATURE—Jules A. L. Kunz, Lecturer in the Philosophical Institution and Heriot-Watt College, Edinburgh ; and Mr. Jules K. de Dreux Kunz, M.A.

GERMAN LANGUAGE AND LITERATURE—Alexander Tille, M.A., Ph.D., Leipzig, Lecturer on German Language and Literature in the University of Glasgow.

HISTORY—Rev. Professor Story, D.D. ; and Rev. J. Mackinnon, Ph.D.

OLD TESTAMENT LITERATURE—Rev. Professor Robertson, D.D.

ASTRONOMY—Sir R. S. Ball, Astronomer Royal for Ireland.

ART—G. A. Laundy, London.

LATIN—Alexander Murdoch, Assistant to the Professor of Greek in the University of Glasgow.

ANGLO-SAXON—Alexander Tille, M.A., Ph.D., Leipzig.

MATHEMATICS—Peter Alexander, M.A.

THEORY OF MUSIC—Montague Smith, Organist to the University of Glasgow.

II.—IN SCIENCE AND MEDICINE.

CHEMISTRY—G. G. Henderson, M.A., D.Sc., Senior Assistant to the Professor of Chemistry in the University of Glasgow.

GEOLOGY AND PHYSICAL GEOGRAPHY, ZOOLOGY, BIOLOGY—Professor Young, M.D., and Mr. James Rankin.

BOTANY—Professor Bower, D.Sc., and B. G. Cormack, M.A., B.Sc.

PHYSIOLOGY—Professor M'Kendrick, M.D., F.R.S.; and J. M'Gregor-Robertson, M.A., M.B., C.M.

NATURAL PHILOSOPHY—Professor Blyth, M.A., F.R.S.E., Glasgow and West of Scotland Technical College.

MATHEMATICS—Peter Alexander, M.A.

ANATOMY—Thomas H. Bryce, M.A., M.B., C.M., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.

MATERIA MEDICA AND THERAPEUTICS AND PRACTICAL PHARMACY—C. O. Hawthorne, M.B., C.M., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.

MEDICINE AND CLINICAL MEDICINE—J. Wallace Anderson, M.D., Fellow of the Faculty of Physicians and Surgeons, Glasgow.

SURGERY AND CLINICAL SURGERY—W. J. Fleming, M.D., Fellow of the Faculty of Physicians and Surgeons, Glasgow.

MIDWIFERY AND GYNÆCOLOGY—Murdoch Cameron, M.D., Fellow of the Faculty of Physicians and Surgeons, Glasgow.

MEDICAL JURISPRUDENCE—Donald Munro, M.D.

PATHOLOGY—John Lindsay Steven, M.D., Fellow (by Examination) of the Faculty of Physicians and Surgeons, Glasgow.

PROGRAMME OF CLASSES—SESSION 1891-92.

I.—IN ARTS.

LOGIC : PSYCHOLOGY AND METAPHYSICS—Mondays, Tuesdays, Thursdays, and Fridays, 10 to 11—R. M. Wenley, M.A., D.Sc. A portion of the course will be given by Professor Veitch.

MORAL PHILOSOPHY (Advanced Class)—R. M. Wenley, M.A., D.Sc.

NATURAL PHILOSOPHY—Wednesdays and Fridays, 3 to 4, and Saturdays, 10 to 1—Professor Blyth, M.A., F.R.S.E., Glasgow and West of Scotland Technical College.

ENGLISH LANGUAGE AND LITERATURE—Language, Mondays and Thursdays, 11 to 12; Literature, Tuesdays and Fridays, 11 to 12—C. W. Egerton, M.A. A portion of the course will be given by Professor Bradley.

FRENCH LANGUAGE AND LITERATURE—Language, Wednesdays and Saturdays, 12 to 1; Literature, Wednesdays and Saturdays, 10.45 to 11.45—J. A. L. Kunz; and J. K. de Dreux Kunz, M.A.

GERMAN LANGUAGE AND LITERATURE—Language, Mondays and Thursdays, 12 to 1; Literature, Tuesdays and Fridays, 12 to 1—Alexander Tille, M.A., Ph.D.

HISTORY—Tuesdays and Fridays, 2 to 3—Rev. Professor Story, D.D.; and Rev. J. Mackinnon, Ph.D.

OLD TESTAMENT LITERATURE—Tuesdays and Fridays, 4 to 5—Rev. Professor Robertson, D.D.

ASTRONOMY—Thursdays and Fridays, 12, 13, 19, 20, 26, 27 Nov., 8 p.m.; Sir Robert Ball.

ART (Lectures)—Wednesdays, 2 to 3; Perspective, Wednesdays, 3 to 4—G. A. Laundy.

ART (DRAWING AND PAINTING—Tutorial Class)—Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 10.30 to 1; Life Class, Tuesdays and Thursdays, 2 to 4—G. A. Laundy.

LATIN (Tutorial Class)—Mondays, Tuesdays, Wednesdays, and Thursdays, 3 to 4—Alexander Murdoch.

GERMAN (Practice Class)—Mondays and Thursdays, 2 to 3—Alex. Tille, M.A., Ph.D.

ANGLO-SAXON (Tutorial Class)—Mondays and Thursdays, 3 to 4—Alexander Tille, M.A., Ph.D.

MATHEMATICS (Tutorial Class)—Mondays, Tuesdays, Thursdays, and Fridays—11.30 to 12.30—Peter Alexander, M.A.

THEORY OF MUSIC (Tutorial Classes)—Wednesdays, 10 to 11.30 and 11.30 to 1—Montague Smith.

II.—IN SCIENCE AND MEDICINE.

CHEMISTRY—Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays, 12 to 1; Laboratory open same days, 10 to 1; **PRACTICAL CHEMISTRY (Class for Medical Students)**—Wednesdays, 2 to 4, and Saturdays, 10 to 12—G. G. Henderson, M.A., D.Sc.

- BOTANY**—Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 3 to 4; **LABORATORY WORK**—same days, 4 to 5—B. G. Cormack, M.A., B.Sc. (This class is held in the summer session only.)
- ZOOLOGY**—Mondays, Tuesdays, and Fridays, 3 to 4—Professor Young, M.D., and Mr. James Rankin.
- PHYSIOLOGY**—Mondays, Tuesdays, Wednesdays, Thursdays, Fridays, 2 to 3 during the Winter Session; **PRACTICAL PHYSIOLOGY**, same days and hours during the Summer Session—J. M'Gregor-Robertson, M.A., M.B., C.M.
- ANATOMY**—Junior Class, daily, 2 to 3; Senior Class, Mondays, Wednesdays, and Fridays, 11 to 12; **PRACTICAL ANATOMY**, daily, 9 to 4—Thomas H. Bryce, M.A., M.B., C.M.
- MATERIA MEDICA AND THERAPEUTICS**, daily, 12 to 1 in the Winter Session; **PRACTICAL PHARMACY**, daily, 12 to 1 in the Summer Session—C. O. Hawthorne, M.B., C.M.
- PRACTICE OF MEDICINE**, daily, 4 to 5; **CLINICAL MEDICINE**,* daily, 9 to 10.30—J. Wallace Anderson, M.D.
- SURGERY**, daily, 4 to 5; **CLINICAL SURGERY**,* daily, 9 to 10.30—W. J. Fleming, M.D.

* In the Royal Infirmary.

Classes for Instruction by Correspondence.

Common Subjects (English, History, Geography, Arithmetic)—G. Macgregor, M.A.; Composition and English Literature (Junior)—Professor H. Walker, M.A.; English Literature (Senior and Higher)—Rev. J. Herkless; Modern English Literature—Professor H. Walker, M.A.; History and Geography (Junior)—D. Donaldson, F.E.I.S.; History (Senior and Higher)—Rev. E. B. Speirs, M.A., B.D.; Political Economy—James Bonar, LL.D.; Logic and Moral Philosophy—R. M. Wenley, M.A.; Scripture—Rev. R. Masson Boyd, M.A.; Latin and Greek—Rev. P. H. Aitken, M.A., B.D., B.Sc.; French (Junior and Senior)—A. Lacaille, B.A. Univ. of France; French (Higher)—Prof. V. Spiers, B. ès L. Paris, M.A. Oxon.; German (Junior and Senior)—Fräulein Zimmerman; German (Higher)—Professor Kuno Meyer; Italian—A. Revie; Mathematics and Natural Philosophy—Peter Alexander, M.A.; Astronomy—Rev. E. Bruce Kirk, M.A.; Chemistry—G. G. Henderson, M.A., D.Sc., F.I.C.; Botany—Rev. A. S. Wilson, M.A., B.Sc.; Zoology and Physiology—J. Morton, M.B.; Geology—Rev. P. H. Aitken, M.A., B.D., B.Sc.; Theory of Music—A. Simms, Mus. Bac. Oxon.; Art—G. A. Laundry.

Syllabus of Lectures.

I.—IN ARTS.

MENTAL PHILOSOPHY.

R. M. WENLEY, M.A., D.Sc.

The department of Mental Philosophy includes four classes.

1. ORDINARY CLASSES. In *alternate* years Courses of One Hundred Lectures are given on (a) Logic, Psychology, and Metaphysics; and (b) on Moral Philosophy. These classes furnish instruction similar in character and extent to that given in the Scottish Universities. All students who desire to pursue a complete curriculum in Arts are required to attend both Courses in consecutive sessions. At the same time, *it is strongly recommended* that, if possible, students should so arrange as to take the class of *Logic and Metaphysics* before that of *Moral Philosophy*.

Those who are not prosecuting the full Arts curriculum may, in either class, give attendance upon half-courses of Fifty Lectures. Any one desirous of doing this should consult with the Lecturer at the beginning of the session. In the subjoined scheme are indicated the Courses of Fifty Lectures to be delivered during session 1891-92.

The Course of One Hundred Lectures, qualifying for the usual University curriculum in Arts, falls to be delivered on Logic, Psychology and Metaphysics, this session. Next session (1892-93) it will be devoted to Moral Philosophy.

2. HONOUR CLASSES. In *alternate* years advanced classes of Moral Philosophy and of Metaphysics will be conducted. These classes are intended more especially for

25- students who desire to prosecute the study of Philosophy with greater detail, as for an Honour Degree. There will be ~~thirty~~ meetings during each session. Consideration will be directed to the chief works prescribed for Honours in the University of Glasgow, and to a few of the more prominent questions of contemporary Philosophy. While these classes are intended primarily for students who have passed through the ordinary philosophical curriculum in Queen Margaret College, they are open also to those who have had other opportunities of study, and generally to all who have interested themselves in philosophical inquiry.

During the present session the advanced class of Moral Philosophy falls to be held. Next session (1892-93) the advanced class of Metaphysics will meet.

By the above alternation of classes instruction is provided every session in both Metaphysics and Moral Philosophy as at the Universities.

(A) LOGIC, PSYCHOLOGY, AND METAPHYSICS.

ONE HUNDRED LECTURES.

These Lectures will be delivered on four days a week (Monday, Tuesday, Thursday, Friday) during November, December, January and February, and on five days a week (Monday to Friday) thereafter, at 10 a.m.

Introductory Lecture for the Philosophical Department on Tuesday, 3rd November, at 10 a.m., "The Place of Philosophy in a University Curriculum."

PART I.—INTRODUCTION TO PHILOSOPHY.

TWENTY LECTURES.

1. The nature and necessity of Philosophy. Its aim and methods.
2. Explanation of terms and the division of Philosophy into departments. The problems of Philosophy.

PART II.—PSYCHOLOGY.

THIRTY LECTURES.

1. Aim of Psychology. Methods of inquiry.
2. Psychology as a science. Its limits and its conclusions.
3. Systematic discussion of the chief powers of the mind.

PART III.—FORMAL LOGIC.

THIRTY LECTURES.

This portion of the Course will be conducted mainly by prelections on a text-book—Professor Veitch's *Institutes of Logic*, except Chapters V., XIII., XIV., XV., XXV. (large print only).

Note.—The Lectures on Psychology and Logic will be delivered concurrently, Logic being taken three, and Psychology two, days per week.

PART IV.—INTRODUCTION TO METAPHYSICS.

TWENTY LECTURES.

1. The general nature of Metaphysical inquiry.
2. The problems of Thought and Being, and their bearing upon other philosophical questions.
3. Dualism and Monism. Realism and Idealism.
4. Conclusions especially as bearing upon the Metaphysic of Ethics.

Note.—The consideration of Metaphysics will be resumed at the beginning of the Course on Moral Philosophy, so that the two classes may form a systematic whole.

Half courses of Fifty Lectures may be constituted as follows :—

- | | |
|--------------------------|---------------------------|
| 1. Part I. and Part II. | 3. Part II. and Part IV. |
| 2. Part I. and Part III. | 4. Part III. and Part IV. |

It is almost indispensable, at the same time, that students *entering upon* the study of Philosophy, whether intending to take the full curriculum or Fifty Lectures only, should attend the Lectures on Introduction.

Fee for the full Course, £3 3s. ; for Fifty Lectures, £2 2s.

(B) ADVANCED CLASS OF MORAL PHILOSOPHY.

This class will meet on such days and at such hours as may be arranged between the students and the Lecturer. Instruction will be given in part by Lectures, but in greater part tutorially. The attention of the class will be directed mainly to the problem of Personality viewed in the light of Modern Ethics. Reference will be made to the views of Green (*Prolegomena to Ethics*), of Von Hartmann (*Philosophy of the Unconscious*, *Phänomenologie des sittlichen Bewusstseins*), and of the scientific school (Spencer's *Data of Ethics*, Weissmann's *Heredity*, etc.). There will be ~~thirty~~ meetings of the Class. 25/

Fee for the Class, £1 11s. 6d.

(C) INTRODUCTORY READING.

1. In the Ordinary Class, students are recommended to acquaint themselves with Jevons' *Elementary Logic*, or Fowler's *Deductive Logic*. Those who intend to take the Psychological and Metaphysical Lectures are advised to read portions of Veitch's *Hamilton*, Fraser's *Selections from Berkeley*, and Bax's *History of Philosophy*.

2. For the Advanced Class, Students are advised to keep in view the questions raised in such books as Seth's *Hegelianism and Personality*, Green's *Prolegomena to Ethics*, Books I. and III., and Spencer's *The Man versus the State*.

NATURAL PHILOSOPHY.

PROFESSOR BLYTH, M.A., F.R.S.E., Glasgow and West of Scotland Technical College.

The class meets on Wednesdays and Fridays from 3 to 4 p.m., and on Saturdays from 10 a.m. to 1 p.m., beginning on Wednesday, 4th November.

The Course will embrace—

I. LECTURES ON EXPERIMENTAL PHYSICS, on Wednesdays and Fridays from 3 to 4. The lectures will be as far as possible fully illustrated by experiment, and will include the subjects detailed in Nos. 3-10, following.

II. LECTURES ON THEORETICAL MECHANICS, on Saturdays from 10 to 11, including subjects detailed in Nos. 1, 2.

III. PRACTICAL PHYSICS, on Saturdays, from 11 to 1. Here the students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments so as to verify natural laws and obtain numerical results.

The following will give an idea of the Lecture Course :—

1. ELEMENTARY KINEMATICS. Fundamental Units of Time and Space—Motion—Velocity—Composition and resolution of velocities—Acceleration—Uniformly accelerated motion.
2. ELEMENTARY DYNAMICS. Force—Composition and resolution of forces—Laws of motion—Momentum—Mass—Falling bodies—Attwood's machine—Forces producing equilibrium—Centre of inertia—Mechanical powers—Properties of fluids—Hydrostatics.
3. PROPERTIES OF MATTER. Gravitation—Newton's law—Distinction between solids, liquids, and gases—Elasticity—Law of fluid pressure—Specific gravity—Atmospheric pressure—Barometer—Boyle's law—The constitution of matter.
4. SOUND. Distinction between noises and notes—Velocity of sound—Wave motion—Nodes and loops—Chladni's figures—Various ways of producing notes—Siren—Tuning forks—Organ pipes—Reed instruments—Reflection and refraction of sound—Interference of sound waves—Graphical method of showing vibration—Phonograph—Vowel sounds.
5. HEAT. Distinction between heat and temperature—Dilatation produced by heat—Gay-Lussac's law—Thermometers—Change of state produced by heat—Latent heat—Specific heat—Thermodynamics—Mechanical equivalent of heat.

6. **LIGHT.** Luminiferous ether—Velocity of light—Reflection and refraction of light—Lenses—Telescope—Microscope—Interference of light—Diffraction—Solar spectrum—Various spectra—Reversal of the spectrum lines.
7. **MAGNETISM.** Magnetic and diamagnetic substances—Loadstone—Magnetic poles—The Earth a magnet—Definition of magnetic moment and of intensity of magnetisation—Magnetic force and magnetic induction—Forms of magnets—Magnetic potential at a point—Terrestrial magnetism—Magnetic elements—Magnetic storms—Connection with Aurora and sun spots.
8. **STATIC ELECTRICITY.** Fundamental phenomena—Various methods of electrification—Positive and negative electricity—Induction—Potential—Quantity—Density—Capacity—Lines of force and equipotential surfaces—Distribution of electricity modified by form of surface—Leyden jar and other accumulators—Faraday's investigations—Electrostatic instruments—Friction and induction machines—Electroscopes and electrometers—Atmospheric electricity—Thunder and lightning—Lightning conductors.
9. **VOLTAIC ELECTRICITY.** Current—Resistance—Electromotive force—Ohm's law—Discoveries of Galvani and Volta—Various kinds of Voltaic cell—Batteries—Measurement of Electromotive force, of resistance, and of current—Wheatstone's bridge—Galvanometers—Heating effects of current—Joule's law—Peltier and Thomson effect—Electrolysis—Faraday's law—Electrometallurgy—Luminous effects of current—Electric light—Contact-electricity—Thermo-electricity.
10. **ELECTRO-MAGNETISM.** Magnetic potential of a closed circuit—Electro-magnets—Mutual action of currents—Induction of currents—Faraday's discovery—Mutual and self-induction—Electro-Magnetic instruments—Induction coil—Vacuum tubes—Dynamo machines—Electric transmission of power—Wire telephone—Loose contacts—Action of light on resistance of selenium—Electric oscillations.

The Course is suitable for ladies studying for Medical Degrees and Qualifications, for the Degrees of London University, and for the various Higher Local Examinations.

In addition to a cursory treatment of all the subjects mentioned, it is intended, during session 1891-92, to have the Lectures so arranged as to suit both 1st and 2nd Year Students, who will form the Junior and Senior divisions of the class.

The students are particularly recommended to keep the Saturdays free for Laboratory work.

Fee for the Course, £3 3s.

ENGLISH LANGUAGE AND LITERATURE.

CHARLES W. EGERTON, M.A.

The course in English Language and Literature for the Session 1891-2 will consist of 100 Lectures, delivered on Mondays, Tuesdays, Thursdays, and Fridays, 11 a.m. to 12

Page 27, 18th line from bottom, for 1870 read 1780.

NOTE. (Title of this course will be ———
Bradley.)

Division II.—Mondays and Thursdays, 11 to 12—Fifty lectures, comprising—

- (1) Treatment in detail of some of the principal works included in the first Division, together with certain other specified books.
- (2) Composition and Style.
- (3) Philology of the English Language.

Students may take either or both Divisions ; but Prizes and Certificates will be granted only to those who take the full course of 100 lectures.

SYNOPSIS OF COURSE.

DIVISION I.

- I. *Poetry*—Return to Nature and Humanity as models—Cowper, Crabbe, Burns. Poetry of William Blake.
 Revolt against stereotyped forms. Influence of France and Germany.
 Worship of Beauty in all its forms. The poet seeks an universal audience.
 Scott.
 Wordsworth, Coleridge, and Southey.
 Byron.
 Shelley.
 Keats.
 Minor Poets—Moore, Campbell, Hunt, Landor, and Rogers.
 More Recent Poetry—Tennyson, Robert Browning, E. B. Browning, Clough, Matthew Arnold, D. G. Rossetti, Swinburne, William Morris.
- II. *Prose Fiction*—The novel: causes of its popularity. Its functions. Typical writers.
 Romance—Scott and his imitators.
 Humourists—Dickens.
 Satirists—Jane Austen, Thackeray.
 The Novel with a purpose—C. Kingsley.
 Frances Burney, The Brontës, G. Eliot.
 Recent Novels.
- III. *Other Prose Writers, Historians, Essayists, &c.*: their characteristics.
 Macaulay, De Quincey, Lamb, Carlyle, Newman, Matthew Arnold, John Ruskin.

DIVISION II.

SPECIAL COURSE.

- Chaucer: *The Nonne Prestes Tale* (Clarendon Press Edition).
 Shakspere: *Hamlet* (Clarendon Press Edition).
 Selections from Vols. 3 and 4 of Ward's *English Poets* (Macmillan), to be specified during the session.
 Tennyson from *The Lady of Shalott* to end of *Lucretius* (Macmillan's edition).

TEXT-BOOKS.

Smith's *Student's Manual of English Literature* (last Edition).

Nichol's *Primer of English Composition*.

BOOKS OF REFERENCE, ETC.

Dowden : *Literature of the 19th Century* (Macmillan).

„ *Studies in Literature*.

R. H. Hutton : *Literary Essays*.

English Men of Letters Series.

Fee for the full course, £3 3s. ; or for either Division, including Fifty Lectures, £2 2s.

FRENCH LANGUAGE AND LITERATURE.

ONE HUNDRED LECTURES.

MR. JULES A. L. KUNZ, Lecturer in the Philosophical Institution and Heriot - Watt College, Edinburgh, assisted by MR. JULES K. DE DREUX KUNZ, M.A.

These Lectures will be delivered on Wednesdays and Saturdays, from 10.45 to 11.45 a.m., and 12 to 1 p.m.—beginning on Saturday, 7th November.

This Course will be divided into two sections, distinct from one another.

The first, comprising Fifty Lectures, will be delivered on Wednesdays and Saturdays, from 10.45 to 11.45, and will be devoted to an Historical and Critical Study of French Literature, from its origin to the death of Corneille (middle of the 17th century) ; and a History of the French Language covering the same period. Books recommended : Demogeot's *Histoire de la Littérature française*, Littré's

Histoire de la Langue française, C. Bartsch's *Chrestomathie de l'Ancien Français* (Leipzig).

The second section comprises, like the first, Fifty Lectures, which will be delivered on the same days, from 12 to 1. This Course embraces studies in Higher French. The subjects selected for 1891-2 are:—(1) A systematic exposition of the principles and method of the various species of poetry in this order—lyric, epic, dramatic, satiric, and epistolary, didactic and descriptive, minor poems; (2) Translation of, with commentaries on, Victor Hugo's *La Légende des Siècles* (1^{re} Série); (3) Philology of the French Language; (4) Prosody. The business of the Class will further comprehend Exercises and Essays, and the entire work, as in the Literature section, will be carried on in French. Written Examinations will be held in both sections.

The fee for the whole course of One Hundred Lectures will be £3 3s.; or for either section of Fifty Lectures, £2 2s

GERMAN LANGUAGE AND LITERATURE

ONE HUNDRED LECTURES.

ALEXANDER TILLE, Phil. Dr. et Bon. Art. Mag. aus Leipzig.
Lecturer in the University of Glasgow.

These Lectures will be delivered on Mondays, Tuesdays, Thursdays, and Fridays, at 12 o'clock, beginning on Tuesday, 3rd November.

The course of a Hundred Lectures will be divided into two sections, distinct from one another.

FIRST SECTION.—FIFTY LECTURES.
(Tuesdays and Fridays, 12 o'clock.)

GERMAN LITERATURE FROM KLOPSTOCK TO GOETHE'S DEATH—
1748-1832.

1. *Die Vorbereitungszeit.*

Klopstock : Messias, Oden, Bardiete.

Lessing: Kritische, philosophische Arbeiten, Dramen, Nicolai, Mendelsohn, Kant.

Herder: Volkslieder, Cid, Legenden, philosophische Aufsätze.

Die Göttinger Dichter: Gotter, Boie, Bürger, Voss, Die Stolbergs, Hölty, Matthison, Tiedge, Leisewitz, Hebel, Möser.

Wieland: Romane, Der deutsche Merkur, Dichtungen.

Sturm und Drang: Lenz, Klinger, Wagner, Maler Müller, Schubart.

2. *Goethes Leben und Werke.*

(a) 1749-1765. Vaterhaus, Kindheit.

(b) 1765-1771. Die Universitätsjahre.

(c) 1771-1775. Sturm und Drang: Götz von Berlichingen, Wetzlar, Werthers Leiden, Lili Schönemann.

(d) 1775-1779. Die Weimarer Genieperiode: Der Hof, Wieland, Herder, Frau von Stein, Liebhabertheater.

(e) 1779-1795. Die Mannesreife: Iphigenie, Italienische Reise, Egmont, Christiane Vulpius, Tasso, Naturstudien, der französische Feldzug.

(f) 1795-1805. Die Freundschaft mit Schiller: Xenien, Wilhelm Meister, Hermann und Dorothea, Theater, Schillers Tod, Faust, Lyrik.

(g) 1805-1832. Goethes Alter: Schlacht bei Jena, Napoléon, Bettina Brentano, Wahlverwandtschaften, Der zweite Teil Faust, Goethes Tod.

3. *Schillers Leben und Werke.*

(a) 1759-1773. Kindheit: Eltern, Heimat, Kirche und Schule.

(b) 1773-1781. Militärakademie: Karl Eugen, Medizin und Poesie, Sturm und Drang, Entlassung.

(c) 1781-1785. Erste Dichtungen: Regimentsmedicus, Die Räuber, Mannheim, Bauerbach, Fiesco, Kabale und Liebe, Charlotte von Kalb, Der Ratstitel.

- (d) 1785-1795. Die Reife : Leipzig und Dresden, Don Carlos, Weimar, Lotte von Lengefeld, Die Jenaer Professur, Körner, Revolution, Philosophie.
- (e) 1795-1805. Schiller und Goethe : Horen, Musenalmanach, Xenien, Wallenstein, Maria Stuart, Jungfrau von Orléans, Braut von Messina, Wilhelm Tell, Tod.

Books recommended :—Kluge : *Geschichte der deutschen Nationallitteratur*. Gostwick and Harrison : *Outlines of German Literature*. Scherer : *Geschichte der deutschen Litteratur*. Hermann Hettner : *Geschichte der deutschen Litteratur im achtzehnten Jahrhundert*. Max Müller : *German Classics from the fourth to the nineteenth century*. Danzel : *Lessings Leben*. Palleske : *Schillers Leben*. Lewes : *Goethes Leben*.

SECOND SECTION.—FIFTY LECTURES.
(Mondays and Thursdays, 12 o'clock.)
GERMAN LANGUAGE.

SUBJECT A—Higher German Syntax.

Subjekt und Prädikat. Die verschiedenen Formen des Prädikats.
Die verschiedenen Satzarten und ihre charakteristischen Merkmale. Aussagesätze, Befehls- und Verbotssätze. Wunsch- und Bedingungssätze. Fragen und Ausrufesätze.
Grössere Satzganze. Adverbielle, adjectivische und nominale Sätze. Indirekte Rede.
Der Gebrauch der Casus. Konstruktion der Praepositionen.
Modi und Tempora.
Verbalnomina und Verbaladjectiva.
Besonderheiten in der Anwendung der Adjectiva, Numeralia, des unbestimmten Artikels und der Pronomina.
Gebrauch der Numeri, Interjectionen.
Wortstellung.

SUBJECT B—Interpretation and explanation of Lessing's *Erziehung des Menschengeschlechtes*, Schiller's *Braut von Messina* and Goethe's *Faust*.

Each fortnight German compositions or translations of

more difficult English passages into German will be given, and the papers written for the Class will be discussed.

Subject A will be taken on Mondays, Subject B on Thursdays.

Books recommended :—Eve, *German Grammar*; Heyse, *Deutsche Grammatik*; Becker, *Handbuch der deutschen Sprache*.

The Lectures in both sections will be delivered in German.

Recommended for Summer Reading :—Freytag, *Soll und Haben*; Fr. W. Weber, *Dreizehnlinden*; Heine, *Buch der Lieder*; Geibel, *Juniuslieder*; Karl Emil Franzos, *Judith Trachtenberg*; Theodor Storm, *Ein Doppelgänger*.

The Fee for the whole Course of a Hundred Lectures will be £3 3s.; or for either section of Fifty Lectures, £2 2s.

(For German Practice Class, see page 45.)

HISTORY.

FIFTY LECTURES.

REV. PROFESSOR STORY, D.D. and

REV. JAMES MACKINNON, Ph.D.

These Lectures will be delivered on Tuesdays and Fridays, 2 to 3 p.m., beginning on Tuesday, 3rd November.

The subject will be a survey of the condition of Europe at the beginning of the sixteenth century : Conflict between Charles V. and Francis I : Political results of the Reformation, in Wars of the Huguenots, Revolt of the Netherlands, and Thirty years' war. Catholic reaction : the Papacy : and the Italian Republics. Aggrandisement of France under Louis XIV. and of Prussia under Frederick the Great. Rise of the Northern nations—Sweden, Denmark, Russia.

Relation of England to Continental politics. Growth of civilisation; influence of French literature of eighteenth century, etc.

Books recommended :—Lord's *Modern Europe* ; Russell's *Modern Europe* ; *The Student's Modern Europe*.

Fee for the Course, £2 2s.

OLD TESTAMENT LITERATURE.

FIFTY LECTURES.

REV. PROFESSOR ROBERTSON, D.D.

Tuesdays and Fridays, 4 to 5 p.m., beginning on Tuesday, 3rd November.

The Lectures will treat of subjects which may be ranked under the two heads of General Introduction, and Special Introduction, the former relating to the Old Testament as a whole, the latter to the several parts of which it is composed.

Under the former head fall to be treated : The formation of the Old Testament Canon, and the distinction of canonical and uncanonical books; the transmission of the Old Testament in manuscripts and versions to modern times; and the place the Old Testament holds in the religions of Judaism, Christianity, and Islam. Here also are to be noticed : The peculiarities of the language and style of the Hebrew writers; the literary features and varieties of composition, such as the historical, oratorical, poetical, reflective, and devotional; and the aids, furnished by archaeology, by modern discoveries, and research, to the better understanding of the Old Testament writings.

Under the second head fall to be considered : The three

great component parts of the Old Testament, Law, Prophets, and Hagiographa; the history of the existing number and arrangement of the books; and the connection of the literature with the historical development of the people of Israel. Then the individual books have to be considered in detail, with reference to their contents, scope, peculiarities of style, authorship, mode and date of composition, and relation to one another; and this will imply a study of such books or portions as will serve to illustrate the various questions discussed.

Fee for the Course, £2 2s.

ASTRONOMY.

SIX LECTURES.

SIR ROBERT S. BALL, Astronomer Royal for Ireland.

These Lectures will be delivered on the evenings of Thursday 12th, Friday 13th, Thursday 19th, Friday 20th, Thursday 26th, and Friday, 27th November, 1891, at 8 p.m. The subjects are the following:—

I.—THE SUN.

Thursday, 12th November, 1891.

The Sun: the fountain of life, light, energy. The Stars: the lights of the universe. An Atlantic Steamer. The greatest truth which nature has disclosed to us. The rank of the Sun among its peers. Let us look at some of the other suns which abound in space. The constellation of Perseus. The wonderful variable sun Algol. The Binary pairs of Suns illustrated. The relative weights of Sirius and the Sun. What we mean by the Solar system. Comparative view of the members. The sublimity of the Celestial scheme. Failure of our attempts to count the number of the stars; the poet must help us. Illustrations of the scale of the universe derived from

the speed of light. Years of travel are required ere a ray from a star reaches our system. The present universe is not the universe we now see. How to write the full address on a letter. How to examine the structure of the Sun with the telescope. The renowned spots are shown to be apertures in his surface. The revolution of the sun on his axis demonstrated by watching his spots. The willow-leaf structure. The minute texture of the Sun's surface. The connection between the magnetism of the earth and the out-breaks of the Sun. Rapid transformations illustrated by a celebrated case. The mysterious law of periodicity. A problem awaiting solution. All we owe to the Sun: not merely the light and heat of to-day. Illustration of the Sun and the tea table. How the generosity of the Sun has provided all the materials. How sunbeams propel our sailing ships, and turn our water-wheels. How they raise the corn, and grind it, and bake it. How they cause the tea plant to grow, and carry its produce hither. How they provide both the water and the fire to boil it. How ancient sunbeams have been stored away for our benefit by the great coal forests. The gloom of a sunless earth. Information yielded by eclipses of the Sun. Views of the red prominences. The mighty flames from the sierra. The glories of the corona. The application of the spectro-scope. How to read the Sun's autograph. The elementary bodies of which the Sun is made. The proper motions of the Stars. The proper motion of the Sun. How the motion is discovered. The approach of the mariner to the entrance lights of the port. The mighty voyage of the solar system. The gradual transformation of the constellations. The whole universe is in motion. "Heaven and earth shall pass away."

II.—THE MOON.

Friday, 13th November, 1891.

Importance of the Moon with regard to nautical affairs. The time of high water at our seaports. The Moon and the vocabulary. Our nearest neighbour. Contrast between the Sun and the Moon. The mariner "taking a lunar." The orbit of the Moon. Why called our satellite. The Moon's changes. Photographs during the various phases. Eclipses of the Moon. The copper-coloured globe. Great bodies and small bodies. The least of all visible celestial objects is

the Moon. Illustration of the relative sizes of the earth and the Moon. Eighty-one Moons required to weight the earth. Why the Moon does not fall. The discovery of gravitation made by Newton—How he verified it by the Moon. Let us look at the Moon as a fellow-world. We shall study its geography. We shall see what the artist can show us from his studies of the Moon's surface. The greatest telescopes are worthily devoted to its examination. The smallest visible points on the Moon must be as large as a cathedral. Expectations of visitors to the observatory are not always realized. The different features of the Moon's surface. The ringed plains. The remains of extinct volcanoes. Drawings and photographs of conspicuous objects. Comparison between the lunar volcanoes and volcanoes on the earth. Craters in the Sandwich Islands, and in Auvergne. Nasmyth's theory of the eruptions of the Moon—The vast size of the lunar craters. Lightness of all bodies of the Moon. A sack of corn. Athletics on a world as small as the Moon. A hunt, a cricket match, or a game of football. Effects of falling. An illustration. Explanation of the great craters. Other consequences of the Moon's comparative smallness. The cooling of a great casting. The smaller body has cooled first. Hence lunar volcanoes are all extinct. The heated interior of the earth. The blast furnace. A mimic volcano. Earthquakes. The chasm thus produced on the Moon. The so-called "seas." Evidence as to the former existence of water on the Moon. Where has that water gone? Photographs and drawings. Can there be life on the Moon? There is now no water, and but little atmosphere. A lunar building. No sounds to be heard, no odours to be perceived. The possibilities of life through the universe.

III.—THE LESSER PLANETS.

Thursday, 19th November, 1891.

Venus. Interest attaching to this Planet. Planets and the days of the week. The Evening Star. Visibility in daylight. Only lighted by the Sun. The phases of Venus. Why the crescent is not visible to the unaided eye. Variations in the apparent size of the Planet. Resemblance of Venus to the Earth. The transit of Venus. Why of such special interest. The scale of the Solar System. Orbits of the Earth and Venus not in the same plane. Recur-

rence of the transits in Paris. Appearance of Venus in transit. Transits of 1874 and 1884. The early transits of 1631 and 1639. The observations of Horrocks and Crabtree. The announcement of Halley. How the track of the Planet differs from different places. Illustrations of parallax. Voyage to Otaheite. The result of Encke. Probable value of the Sun's distance. Observations of the recent transit of Venus and Dunsink. The question of an atmosphere to Venus. Dr. Copeland's observations. Utility of such researches. Other determinations of the Sun's distance. Statistics about Venus. Mars. Our nearest neighbour in the heavens. Surface of Mars can be examined in the telescope. Remarkable orbit of Mars. Resemblance of Mars to a star. Meaning of opposition. The eccentricity of the orbit of Mars. Different oppositions of Mars. Apparent movements of the Planet. Effect on the Earth's movement. Measurement of the distance of Mars. Theoretical investigation of the Sun's distance. Drawings of the Planet. Is there snow on Mars? The rotation of the Planet. Gravitation on Mars. Has Mars any satellites? Mr. Asaph Hall's great discovery. The revolutions of the satellites. Deimos and Phobos. Gulliver's travels.

IV.—THE GREATER PLANETS.

Friday, 20th November, 1891.

Jupiter. The great size of Jupiter. Comparison of his diameter with that of the Earth. Dimensions of the Planet and his orbit. His rotation. Comparison of his weight and bulk with that of the Earth. Relative lightness of Jupiter. How explained. Jupiter still probably in a heated condition. The belts on Jupiter. Spots on his surface. Time of rotation of different spots various. Storms on Jupiter. Jupiter not incandescent. The satellites. Their discovery. Telescopic appearance. Their orbits. The eclipses and occultations. A satellite in transit. The velocity of light discovered. How is this velocity to be measured experimentally? Determination of the Sun's distance by the eclipses of Jupiter's satellites. Jupiter's satellites demonstrating the Copernican system. Saturn. The position of Saturn in the system. Saturn one of three most interesting objects in the heavens. Compared with Jupiter. Saturn to the unaided eye. Statistics relating to the Planet. Density of Saturn. Lighter than water. The researches of Galileo.

What he found in Saturn. A mysterious object. The discovery made by Huyghens half a century later. How the existence of the ring was demonstrated. Invisibility of the rings every fifteen years. The rotation of the Planet. The celebrated cypher. The explanation. Drawing of Saturn. The dark line. W. Herschel's researches. Is the division in the ring really a separation? Possibility of deciding the question. The ring in a critical position. Are there other divisions in the ring? The third Ring. Has it appeared but recently? Physical nature of Saturn's rings. Can they be solid? Can they be even slender rings? Probable nature of the rings. A multitude of small satellites. Analogy of the rings of Saturn to the group of Minor Planets. Problems suggested by Saturn. The group of satellites to Saturn. The discoveries of additional satellites. The orbit of Saturn not the frontier of our system.

V.—COMETS.

Thursday, 26th November, 1891.

Sunrise to-morrow. The law and harmony of the spheres. The movements of the Planets. The Pleiades and the belt of Orion. A note of delightful discord. The raiment of a comet. A visitor from infinite space. The last of the comets (1882). Portraits of its appearance and a chart of its travels. The curve that nature loves. The highways of the comets. The irregularities of these movements. The glories of perihelion. The greatest of periodic comets. The apparition of 1066. The tapestry at Bayeux. Astronomy in Australia. Approach of a comet notified by the telegraph. The difficulties of a telegram. The code of signals. Strange use of an English dictionary. A troublesome subject for an artist. A comet without a tail. The success of the mathematician. The voyages of Encke's comet. The information we gain from its disasters. The weight of Mercury. Still more can be learned from this comet. The emptiness of space. The Sun's great atmosphere. Views of celebrated comets. Photographs of these bodies. The marvellous comet of 1843. The smoke theory of comet tails. The unsubstantial nature of comets. Their semi-transparency. A curtain of comet stuff 100,000 miles thick will not hide faint stars. Efforts to weigh comets. Their wonderful lightness. The satellites of Jupiter. The story of Lexell's comet. The parabola. The infinite voyages

inwards and outwards. The results of a collision. Jupiter and his satellites are unharmed, but where is the comet? Possibility of a collision with the earth. We have survived at least one such collision. Are the results perceptible? The only injury that comets have ever done us. The dissection of a comet's head. The shells of vapour. The electrical theory. The application of the prism to the comets. The discovery of carbon and other ingredients in comets. The typical three-tailed comet. Illustration: the great comet of 1858, the many-tailed comet of Cheseaux. The assurances for the organic stability of the solar system. The convention between the great planets. Our guarantees against being burned up in the sun, or driven off into outer space. Comets are not heavy enough to interfere. We welcome them as visitors alike harmless, instructive, and beautiful.

VI.—SHOOTING STARS.

Friday, 27th November, 1891.

Shooting Stars: what they are, and whence they come. Meteors and meteorites. The minute bodies of the universe. The biography of a Shooting Star. Illustrations of the speed with which the Shooting Star travels. One hundred times swifter than a rifle bullet. The astonishing production of heat by friction. The great fire-balls. The explosion over Indiana. Forty thousand horse-power, or a ton of gunpowder. Views of celebrated meteors. How the height and speed of meteors are determined. Telescopic meteors. A shower of Shooting Stars. The gorgeous display of 13th November, 1866. Other similar showers. The wonderful history of the Leonids. The great shower expected in 1899. The mighty shoal of meteors. Their voyage and the orbit they pursue. How some of the Shooting Stars are seen every 13th of November, and the great display every thirty-three years. Allusion to some of the other periodic showers. The shower of August 9-11th. Why called the Perseids. The solar system. The path of the meteors. The strange connection between comets and Shooting Stars. The story of Biela. The shoal of meteors on 27th November, 1872. Their identity with Biela's comet. The origin of meteorites. Have they been shot from volcanoes in the moon? A balance of probabilities. The most probable view. The fall of the Rowan meteorite taken as an illustration. Volcanoes

of the present and volcanoes of the past. Krakatoa illustrates the present. Description of the mighty outbreak in 1885. Waves of air and water. The sounds which spread over continents. The sunset hues which tinged the globe. In earlier ages the volcanic activity was still greater. The Columbiad theory of meteorites. Views of great meteorites. The Ovifak irons: their terrestrial character. Structure of meteorites. They contain no new element. There is no annihilation in nature. The tempest of Shooting Stars. The slow descent of cosmic dust. How the earth gradually grows from the spoils of meteors.

These lectures on Astronomy are generously presented to the students of the College by Mrs. Elder. A free ticket for admission to the course (not transferable) may be obtained in the office by each matriculated student who is enrolled in other classes in Queen Margaret College for Session 1891-92, provided she applies for it on or before Friday, 6th November. After that date a limited number of tickets will be issued to the public, at 10s. 6d. for the course of six lectures.

ART DEPARTMENT.

Lecturer and Instructor—Mr. G. ALBERT LAUNDY, London.

I. LECTURES ON ART.

These lectures will be delivered on Wednesdays, 2 to 3 p.m., beginning on Wednesday, 4th November.

This Course will be divided into two sections. The first, consisting of Thirteen Lectures, will be devoted to an historical study of the lives of the great colourists, and an inquiry into the principles upon which their works were executed. The second, consisting of Twelve Lectures, will treat of Landscape "Studies" and "Impressions," with

special reference to the painting of Trees, Foregrounds, Skies, and Water.

Fee for the Course, £1 11s. 6d.; or to students in the Drawing and Painting Classes, £1 1s.

II. DRAWING AND PAINTING.

The Session consists of three terms, each of two months' duration, viz. :—3rd November till 23rd December, 4th January till 29th February, and 1st March till 30th April.

The Classes for Drawing and Painting will be re-opened on 3rd November. The course of instruction will include Drawing from the cast, in charcoal, chalk, and sepia, or monochrome; Freehand from the flat; Perspective; Painting in oils, water colour, and pastel; Miniature Painting on ivory; Landscape, Figure, and Flower Drawing and Painting.

Class lessons will be given daily (except Saturdays) from 10.30 to 1, and on two afternoons per week from 2 till 4. Students can take, at their option, two, three, four, or five lessons per week.

The Studio will be open every day (except Saturdays) from 1 to 4, without extra fee, to students attending the Drawing and Painting Classes who wish to continue to work by themselves.

Former students who have attended the Drawing and Painting Classes in previous sessions may work in the Studio as above on payment of 5s. 6d. per month.

Classes will be formed for Drawing and Painting from the draped life model.

Private Lessons can be had in the afternoons according to arrangement.

Classes for instruction by correspondence for ladies living at a distance will be formed on 2nd November.

A Summer Correspondence Class will be formed with the object of enabling students to continue their work during the vacation, under the guidance of the same instructor, and for the study of sketching and flower painting from nature, and the other branches of drawing and painting.

FEES.

FOR LESSONS IN CLASS.

Per Month.

| | | Drawing. | Painting (or Drawing and Painting) or Life Model Class. |
|---------------------|-----|----------|---|
| 2 Lessons per week, | ... | £0 10 6 | £0 13 0 |
| 3 " " | ... | 0 13 0 | 0 18 0 |
| 4 " " | ... | 0 15 6 | 1 2 6 |
| 5 " " | ... | 0 18 0 | 1 5 6 |

LIFE MODEL CLASS.

Fees per month as above, the same as for the painting class ; each term of two months including 15 lessons of two hours each.

The expense of the payments to the Model will be divided equally among the members of the class.

Ladies attending the classes for Drawing and Painting, or the Life Model Class, during the first or second term, who do not propose to enter for the following term, are required to give notice of this to the Secretary not less than a week before the beginning of the new term. *Failing such notice, they will be liable for the fee for the following term.*

A class will be formed on Wednesdays, 3 to 4, for the study of advanced Perspective, in case a sufficient number of students come forward. Fee to students in the Art Department, £1 1s. ; to others, £1 11s. 6d.

A class for Artistic Anatomy will be formed if a sufficient number of students come forward.

A class for Sketching and Landscape Painting from Nature will be formed if six students come forward. Fee for a set of six lessons of two hours each, £1 11s. 6d.

PRIVATE LESSONS.

| | Drawing. | Painting. |
|--|----------|------------------------|
| For 12 Lessons of 2 hours each, for one, two, or three students, | £4 4 0 | £5 5 0 (Each Student.) |
| Do. for a class of four students, | 3 10 0 | 4 4 0 „ |
| Do. for a class of five students, | 3 5 0 | 3 15 6 „ |
| Do. for a class of six students, | 2 15 0 | 3 3 0 „ |

All students in the Art Department pay the Matriculation Fee of 5s.

Ladies wishing to attend the Drawing and Painting Classes will be required to pass a test examination—(a) In Freehand Drawing: subject—a simple example from the flat, to be chosen by the Art Instructor, and to be done in his presence; or (b) In knowledge of colour: subject—the preparation of tints either for landscape, figure, or flower painting.

MATHEMATICS

(Tutorial Class).

Mr. PETER ALEXANDER, M.A.

The Class will meet on Mondays, Tuesdays, Thursdays and Fridays, at 11.30 a.m., beginning on Tuesday, 3rd November. Fee per term of three months, £2 2s.; for the Course, £4 4s.

LATIN

(Tutorial Class).

Mr. A. MURDOCH, Assistant to the Professor of Greek in the University of Glasgow.

The Class will meet on Mondays, Tuesdays, Wednesdays, and Thursdays at Three p.m., beginning on Tuesday, 3rd November. Fee per term of three months, £2 2s.; for the Course, £4 4s.

GERMAN PRACTICE CLASS.

Dr. A. TILLE, M.A., Ph.D.

In order to give to Students who join one or both sections of the Lectures on German Language and Literature an opportunity of obtaining practice in translating and speaking German, a German Practice Class will be held on Mondays and Thursdays, 2 to 3, beginning on Thursday, 5th November, if not less than six students enrol for it. Edna Lyall's *Autobiography of a Slander* will be translated into German, and Paul Heyse's *Weihnachtsgeschichten* into English, on alternate days. The subject treated will give sufficient matter for practice in German conversation.

Fee, per term of three months, £1 11s. 6d.; for the course, £3 3s.

NOTE.—This class is open only to Members of the German Language or Literature Class.

ANGLO-SAXON

(Tutorial Class).

Dr. A. TILLE, M.A., Ph.D.

A Class for the study of the Anglo-Saxon Language will be held on Mondays and Thursdays, 3 to 4, beginning on Thursday, 5th November, if not less than six students come forward.

Subjects:—Anglo-Saxon Grammar and Outlines of Anglo-Saxon Literature. Translations from Anglo-Saxon into English in the class, explanation of Anglo-Saxon Texts (prose and poetry) and discussion of Anglo-Saxon Accidence.

Ladies who join this class are not required to have any previous knowledge of Anglo-Saxon.

TEXT-BOOK. Henry Sweet's *Anglo-Saxon Reader*. Oxford, Clarendon Press.

Fee per term of three months, £1 11s. 6d.; for the course, £3 3s.

THEORY OF MUSIC

(Tutorial Class).

Mr. MONTAGUE SMITH, Organist to the University.

These Classes will meet on Wednesdays, beginning 4th November.

FIRST YEAR'S CLASS.

WEDNESDAYS, 10 TO 11.30.

Rudiments and Notation, Sound and Pitch of Sounds, Duration of Sounds, Accent, Time Signature, Syncopation, Ties, Binds, Slurs, Intervals; the Scales, major and minor; the Clefs, treble, alto, tenor, and bass, and the relations between them; Musical Terms in common use.

HARMONY—up to the chords of the Seventh, Ninth, and their Inversions, and Chords of Suspension.

SECOND YEAR'S CLASS.

WEDNESDAYS, 11.30 to 1.

Chords of the eleventh and thirteenth, passing and pedal notes, ground-bass. Fundamental and chromatic concords, tonic and supertonic sevenths and ninths, and the different species of counterpoint, in two parts.

THIRD YEAR'S CLASS.

The different species of counterpoint, in three parts.

Playing from figured basses. Form in composition and analysis.

The day and hour of this class will be arranged to suit the students attending it.

Students will be admitted to the foregoing divisions according to their proficiency and the examinations for which they intend to enrol.

The Second and Third Year's Classes are not guaranteed unless eight members come forward.

Fee per term, £1 11s. 6d.; for the Course, £3 3s.

II. CLASSES IN SCIENCE AND MEDICINE.

CHEMISTRY.

100 LECTURES, WITH LABORATORY INSTRUCTION.

G. G. HENDERSON, M.A., D.Sc.

The course of instruction in Chemistry consists of Lectures and Practical Work in the chemical laboratory.

The lectures will be given daily, except Saturdays, from 12 to 1, beginning on Wednesday, 21st October; and the laboratory will be open from 10 to 1 daily, except on Saturdays.

During Session 1891-92 lectures will be given on the general principles of chemistry, inorganic chemistry, and the elements of organic chemistry. The first fifty lectures will deal with general principles and with the chief non-metallic and metallic elements, and their more important compounds. The second fifty lectures will be devoted partly to chemical theory and inorganic chemistry, and partly to a description of the more important groups of organic compounds. The following is an outline of the lecture course :—

INORGANIC CHEMISTRY.

Differences between mechanical mixture, solution, and chemical combination. Chemical changes. Differences between elementary and compound substances. Laws of chemical combination. Equivalent weights of the elements. The atomic theory. Quantivalence. Molecules and molecular weights. Avogadro's hypothesis. Chemical nomenclature and notation.

Oxygen. Ozone. Classification of oxides. Oxidation and reduction.

Hydrogen. Water. Peroxide of hydrogen.

Nitrogen. The atmosphere. Ammonia. Ammonium salts. Oxides of nitrogen. Nitric acid and nitrates.

Carbon. Carbonic oxide and dioxide. Carbonates. Coal gas. Flame. Davy lamp.

Chlorine. Bromine. Iodine. Fluorine. Their compounds with hydrogen. Chlorates and hypochlorites.

Sulphur. Sulphuretted hydrogen. Oxides of sulphur. Sulphurous and sulphuric acids and their salts.

Phosphorus. Oxides of phosphorus. Phosphoric acid and phosphates. Chlorides of phosphorus. Phosphoretted hydrogen.

Arsenic. Oxides of arsenic. Arseniuretted hydrogen. *Antimony.* Oxides, sulphides, and chlorides of antimony. Antimoniuretted hydrogen.

Silicon. Silica and the silicates. *Boron.* Boric acid and borates.

Potassium. Sodium. Silver. Calcium. Strontium. Barium. Aluminium. Magnesium. Zinc. Cadmium. Lead. Manganese. Iron. Cobalt. Nickel. Chromium. Bismuth. Copper. Mercury. Gold. Tin. Platinum.

The chief compounds of these metals with the more important acid radicles.

ORGANIC CHEMISTRY.

Principles of ultimate analysis. Compound Radicles. Homologous series. Classification of carbon compounds. Hydrocarbons.

Starches and Sugars. Fermentation. Wine, Beer, Bread, etc. Alcohol, ether, acetic acid, and their homologues.

Principal vegetable acids.

Glycerines. Oils and Fats. Saponification.

Derivatives of ammonia. Chief natural organic bases.

Cyanogen group. Urea. Uric acid.

Chief constituents of animal and vegetable organisms.

Science Students are strongly recommended to attend the laboratory as well as the lectures. In the laboratory each student has a bench supplied with apparatus and re-agents, and the course of instruction includes practical work illustrative of chemical laws, and exercises in the principles and methods of qualitative and quantitative analysis.

A class of Practical Chemistry for Medical Students will

be held on Wednesdays from 2 to 4 p.m., and Saturdays from 10 a.m. to 12 noon.

Fee for the Course of 100 Lectures, £3 3s. ; for 50 Lectures, £2 2s.

Fee for laboratory work, 15 hours per week, £5 5s. ; 10 hours per week, £3 3s. ; 5 hours or less per week, £2 2s.

Practical class for Medical Students, £3 3s.

ZOOLOGY.

PROFESSOR YOUNG, M.D.

The fifty meetings of the Class will be divided between Demonstrations and Lectures.

The meetings will be held at 3 p.m. on Mondays, Tuesdays, and Fridays, beginning 21st October.

Besides a description being given of the plan of structure in each sub-kingdom, certain groups of animals (this session "Insects and Birds") will be more fully illustrated.

TEXT-BOOKS. Rolleston's *Forms of Animal Life*, ed. H. Jackson ; Claus' *Zoology*, Sedgwick's Translation ; Huxley's *Vertebrates and Invertebrates*. For practical work, besides Rolleston, may be mentioned the works of Huxley and Martin, of Marshall and Hurst, and of T. Jeffery Parker.

Fee for the Course, £3 3s.

BOTANY.

Lecturer—B. G. CORMACK, M.A., B.Sc.

The Lectures on this subject will be delivered in the Summer Session on Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays, 3 to 4 p.m., Demonstrations being given after each Lecture. The subjects will be as follows :—

I. ANGIOSPERMS.

EXTERNAL MORPHOLOGY.

A. The Vegetative Organs.

I. *The shoot.*

- (a) *The stem* ; its modifications and their functions.
- (b) *The leaf* ; its three categories ; its various shapes and modifications with corresponding functions.
- (c) *The emergence and the hair.*

II. *The root* ; the primary root ; lateral roots and their arrangements ; adventitious roots ; root-hairs.

B. Special modifications of organs to subserve the function of vegetative reproduction ; vegetative reproduction ; natural, and artificially induced.

C. The morphology of organs subserving sexual reproduction.

I. Inflorescences ; bracts.

II. The flower ; comparison and contrast with the vegetative bud.

III. Sporangia ; their position and arrangement.

IV. Fruits.

D. Classification of the angiosperms.

HISTOLOGY.

The cell ; its structure, composition, and chief contents.

The various developments of cells ; the tissues thus formed.

The minute structure and development of root and shoot.

The functions of the various tissues : mechanical and physiological.

The minute structure and development of flower, fruit, and seed.

Adaptations to secure fertilisation and seed distribution.

PHYSIOLOGY.

The food of plants ; organs which absorb it ; parasitism.

Movements of water and gases in plants.

Conversion by the plant of inorganic matter into organic ; the changes undergone in the plant by organic matter.

The external conditions under which these changes are possible.

The uses to which the products are put by man.

Vegetable growth.

Movements of plants.

II. GYMNOSPERMS AND CRYPTOGAMS.

Corresponding treatment of the external morphology, histology, and

life history of the following plants :—*Pinus*, *Selaginella*, *Aspidium*, *Polytrichum*, *Marchantia*, *Polysiphonia*, *Fucus*, *Agaricus*, *Puccinia*, *Eurotium*, *Parmelia*, *Claviceps*, *Vaucheria*, *Phytophthora*, *Mucor*, *Spirogyra*, *Ethelium*, *Bacterium*.

Fee for the course, £3 3s.

Arrangements for Practical Classes in Botany and Zoology are under consideration.

PHYSIOLOGY.

Lecturer—J. M'GREGOR-ROBERTSON, M.A., M.B., C.M.

In *Winter*, instruction in the main facts and principles of human physiology and the methods of physiological research is given in a systematic course of one hundred lectures.

The lectures will be given on Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays from 2 to 3 p.m., beginning on 21st October.

This Course will include two main divisions :—

I. The Physiology of Nutrition, comprising the functions of nutrition proper, assimilation and absorption, circulation of the blood, respiration, secretion and excretion. As a preliminary to this part, some time will be devoted to the general physiology of the tissues, including their histology and chemistry, instruction in the latter being carried on in the practical class, the students being supplied with apparatus and chemical re-agents. The practical instruction will enable the student to become familiarised with the chief methods of analysing the principal fluids of the body, and with the apparatus and methods of observing and recording physiological phenomena.

II. The Physiology of Innervation, of the Senses, and of Reproduction. In this part the histology and chemistry of nervous tissue and of the central nervous organs and the sense organs will be included.

Arrangements will be made to enable students who do not desire the full course of instruction necessary for medical students to attend either the lectures devoted to the physi-

ology of nutrition or those devoted to the physiology of innervation and the senses, each of these two parts of the Course consisting of, as nearly as possible, fifty lectures. In such cases attendance on the practical class will be optional.

Written and Oral Examinations are held during the session, attendance at which is not necessary for those taking only part of the Course.

In the Lectures devoted to the Physiology of Nutrition the practical bearing on health of physiological facts and laws will be subjects for careful consideration.

In the *Summer Session* practical instruction will be given in the Laboratory, on the same days of the week and at the same hour as in Winter, chiefly on the use of the microscope and the methods of preparing the various tissues and organs of the body for microscopical examinations. Each student will be supplied with a microscope and all the necessary material for carrying on such work, and will have the opportunity of making a complete collection of mounted specimens of the various tissues and organs.

Fee for the combined Winter and Summer Courses, £5 5s.

Fee for Winter or Summer Course only, £3 3s.

Fee for Part I. or Part II. of Winter Course only, £2 2s.

ANATOMY.

Lecturer and Demonstrator—THOMAS H. BRYCE, M.A.,
M.B., C.M.

WINTER SESSION.

I. *Lectures for Junior Students.*

Five days weekly, 2 to 3 p.m., beginning 21st October.

The structure of the human body will be studied systematically, in the following order :—

1. The Bones.
2. The Joints and Ligaments.
3. The Muscles and the Fasciæ.
4. Histology of Elementary Tissues.
5. General Sketch of the Vascular and Nervous Systems.

The Course will be illustrated by preparations and dissections brought into the lecture room.

II. *Lectures for Senior Students on Regional Anatomy.*

Three days weekly, 11 a.m. to 12 noon.

This Course will take the form of a series of Demonstrations on recent dissections. Special attention will be given to the Anatomy—Macroscopic and Microscopic—of the Thoracic and Abdominal Viscera, and lectures will be given on the Brain, Spinal Cord, and Cranial Nerves.

The bearings of Anatomy on Surgery and Medicine will be specially emphasised.

TEXT-BOOKS. Quain's *Anatomy*. For practical work, Professor Cleland's *Guide to Dissection*; Ellis' *Demonstrations of Anatomy*, or Heath's *Practical Anatomy*.

SUMMER SESSION.

During the Summer Session a tutorial class will be conducted (a) on Osteology for Students entering on the study of Anatomy, and (b) on Regional Anatomy for second year's Students; and Demonstrations on special subjects will be given.

PRACTICAL ANATOMY.

The Laboratory will be open from 9 a.m. till 4 p.m.—on

Saturdays 9 A.M. till 12 noon—under the personal superintendence of Dr. Bryce.

Fee for Course of Lectures, Winter Session, £3 3s.; Summer Session, £2 2s.

Practical Anatomy, Winter Session, £3 3s.

MATERIA MEDICA AND THERAPEUTICS.

Lecturer—C. O. HAWTHORNE, M.B., C.M. (Dispensary Physician and Clinical Assistant, Glasgow Western Infirmary).

The class will meet five days weekly, 12 noon to 1 p.m., beginning 21st October.

The Winter Course will be mainly occupied by the discussion of the Physiological actions and Therapeutic uses of the various drugs used in the treatment of disease. The employment of heat, cold, electricity, etc., etc., for Therapeutic purposes, will also be considered; and there will be systematic demonstrations of the various articles of the *Materia Medica*.

PRACTICAL PHARMACY.

During the Summer Session lectures will be given on the official Galenical preparations, and students will be practically instructed in the compounding and dispensing of medicines.

Students are recommended to attend the practical class in the summer preceding their attendance upon the Winter Course.

Fee for the Winter Session, £3 8s.; Summer Session, £3 3s.

SURGERY.

Lecturer—W. JAS. FLEMING, M.D. (Surgeon, Royal Infirmary ; Examiner in Surgery, Glasgow University).

The class will meet five days weekly ; lectures will be given in the College 4 to 5 p.m., and clinical work 9 to 10.30 a.m. in the Royal Infirmary.

TEXT-BOOK. *Walsham's Practice of Surgery* (Churchill).

Fee for the Course, £3 3s.

PRACTICE OF MEDICINE.

Lecturer—J. WALLACE ANDERSON, M.D. (Physician, Royal Infirmary).

The class will meet five days weekly ; the lectures will be given in the College 4 to 5 p.m., and clinical instruction 9 to 10.30 a.m. in the Royal Infirmary.

During the ensuing Winter Session the work of the class will be carried on according to the following plan, viz. :—

The Nature and Cause of Disease. General Diseased Conditions. The commoner Fevers as illustrating General Disease. Diseases of the various Systems beginning with those of the Respiratory System.

TEXT-BOOK. *Taylor's Practice of Medicine*.

Fee for the Course of Lectures, £3 3s.

MIDWIFERY AND GYNÆCOLOGY.

Lecturer—MURDOCH CAMERON, M.D., F.F.P.S.G. (Obstetric Physician to the Glasgow Maternity Hospital).

Fee for the Course, £3 3s.

PRACTICAL MIDWIFERY.—Students can attend cases in connection with the Maternity Hospital.

MEDICAL JURISPRUDENCE.

Lecturer—DONALD MUNRO, M.D.

The lectures on Medical Jurisprudence are intended to elucidate the application of all the branches of Medical Science to Judicial and Legislative purposes.

TEXT-BOOK. *Principles of Forensic Medicine*, by Guy and Ferrier.

Fee for the Course, £3 3s.

PATHOLOGY.

Lecturer—JOHN LINDSAY STEVEN, M.D. (Pathologist and Assistant Physician, Glasgow Royal Infirmary ; Extra Physician, Royal Hospital for Sick Children, Glasgow).

The class of Pathology comprises a combined course of Systematic Lectures and of Practical Laboratory Work. The Systematic Lectures are delivered during the Winter Session, and the Practical Class meets in Summer. The student cannot enter for the two Courses separately, but may begin Pathological study with either class. The class meets in the Pathological Department of the Royal Infirmary.

Fee for the combined Course, £3 3s.

For more detailed syllabus of the three last named classes, see the Special Prospectus of the School of Medicine.

Arrangements will be made for classes in Mental Diseases and Ophthalmic Surgery, etc., as required.

HOSPITALS FOR CLINICAL WORK.

Royal Infirmary, Sick Children's Hospital, Glasgow
Maternity Hospital.

ROYAL INFIRMARY.

This Hospital contains 584 beds for medical and surgical patients, of which 110 are appropriated to the clinical instruction of women only. There is also a largely attended out-patient department, besides special clinics for ear, throat, eye, etc.

The splendid pathological museum of the Hospital, under the direction of the curator, Dr. Lindsay Steven, is largely drawn upon for illustration, and is open to the students for purposes of study.

Every Student paying at the commencement of her first year of Hospital attendance a fee of £10 10s. will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of that year.

Every Student who has thus paid £10 10s., and shall at the commencement of her second year of Hospital Attendance pay a further fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several Courses of Clinical Instruction, during her lifetime.

Fee for Hospital Attendance and Clinical Instruction for 6 months only, £6 6s.

Fee for Hospital Attendance and Clinical Instruction for 3 months only, £4 4s.

SICK CHILDREN'S HOSPITAL.

Students can attend the Hospital and the Dispensary, 11 West Graham Street, during visits of the Physicians and Surgeons.

Fee £1 1s. for 12 months' attendance. Information may be had from the House Surgeon, 45 Scott St., Garnethill.

GLASGOW MATERNITY HOSPITAL

Cases may be attended in connection with the above Institution, which has over 2000 cases annually.

Fee, £1 1s. Rules on application to the Secretary, ARTHUR FORBES, 146 Buchanan Street.

MEDICAL CURRICULUM

For the Curricula of Study which must be followed by Students who wish to take the Triple Qualification of the Scottish Colleges, or to prepare for Degree Examinations, see pages 93 and 96. Each Student entering on a course of Medical study must have previously passed a Preliminary Examination, and be registered in the books of the General Medical Council as a Medical Student (see page 100).

TIME TABLE FOR 1891-2.—CLASSES IN ARTS AND SCIENCE.

| | 10-11. | 11-12 | 12-1. | 2-3. | 3-4. | 4-5. |
|--------------|---------------------|---|---|---------------------------------------|---|---------------------------|
| MONDAY, - - | Logic. | English Lang. & Liter., Div. II. *Mathematics. | German Lang. Chemistry. | German Practice Class. Physiology. | Anglo-Saxon. Latin. Zoology. | |
| TUESDAY, - - | Logic. | English Lang. & Liter., Div. I. *Mathematics. | German Liter. Chemistry. | History. Physiology. | Latin. Zoology. | Old Testament Literature. |
| WEDNESDAY, - | Theory of Music. | Theory of Music. French Liter. | Theory of Music. French Lang. Chemistry. | Art. Physiology. | Perspective. Latin. Nat. Philosophy | |
| THURSDAY, - | Logic. | English Lang. & Liter., Div. II. *Mathematics. | German Lang. Chemistry. | German Practice Class. Physiology. | Anglo-Saxon. Latin. | |
| FRIDAY, - - | Logic. | English Lang. & Liter., Div. I. *Mathematics. | German Liter. Chemistry. | History. Physiology. | Nat. Philosophy Zoology. | Old Testament Literature. |
| SATURDAY, - | Natural Philosophy. | French Liter. Nat. Philosophy | French Lang. Nat. Philosophy | | | |

* Mathematics, 11.30 to 12.30.

Lessons in Drawing and Painting, 10.30 to 1 daily, except Saturdays.
 Life Model Class, 2 to 4, Tuesdays and Thursdays.
 The Chemical Laboratory is open 10 to 1 daily, except Saturdays.

TIME TABLE FOR 1891-2.—CLASSES IN ARTS AND SCIENCE.

| | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|---|-------------|-------------|---------------------|-------------|-------------|---------------|
| LOGIC, | 10-11 | 10-11 | ... | 10-11 | 10-11 | ... |
| NATURAL PHILOSOPHY, Lectures, Do., | ... | ... | 3-4 | ... | 3-4 | 10-11 11-1 |
| ENGLISH LANGUAGE and LITERATURE, ... | 11-12 | 11-12 | ... | 11-12 | 11-12 | ... |
| FRENCH LANGUAGE, | ... | ... | 12-1 11-12 | ... | ... | 12-1 11-12 |
| FRENCH LITERATURE, | ... | ... | ... | ... | ... | ... |
| GERMAN LANGUAGE, | 12-1 | 12-1 | ... | 12-1 | 12-1 | ... |
| GERMAN LITERATURE, | ... | ... | ... | ... | ... | ... |
| GERMAN PRACTICE CLASS, | 2-3 | ... | ... | 2-3 | 2-3 | ... |
| HISTORY, | ... | 2-3 | ... | ... | ... | ... |
| OLD TESTAMENT LITERATURE, | ... | 4-5 | ... | ... | 4-5 | ... |
| ART, Lectures, | ... | ... | 2-3 3-4 | ... | ... | ... |
| ART, Perspective, | ... | ... | 3-4 | ... | ... | ... |
| ART, Drawing and Painting, | 10.30-1 | 10.30-1 | 10.30-1 | 10.30-1 | 10.30-1 | ... |
| * ART, Life Model Class, | ... | 2-4 | ... | 2-4 | ... | ... |
| ANGLO-SAXON, | 3-4 | ... | ... | 3-4 | ... | ... |
| LATIN, | 3-4 | 3-4 | 3-4 | 3-4 | ... | ... |
| MATHEMATICS, | 11.30-12.30 | 11.30-12.30 | ... | 11.30-12.30 | 11.30-12.30 | ... |
| THEORY OF MUSIC, First Year's Class, ... Do., Second Year's Class, | ... | ... | 10-11.30 11.30-1 | ... | ... | ... |
| CHEMISTRY, Lectures, | 12-1 | 12-1 | 12-1 | 12-1 | 12-1 | ... |
| Do., Laboratory, | 10-1 | 10-1 | 10-1 | 10-1 | 10-1 | ... |
| ZOOLOGY, | 3-4 | 3-4 | ... | ... | 3-4 | ... |
| BOTANY (Summer Session), | 3-4 | 3-4 | 3-4 | 3-4 | 3-4 | ... |
| PHYSIOLOGY, | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 | ... |

* Or on other days to be fixed to suit the convenience of Students.
The hours for the class of Moral Philosophy will be afterwards arranged.

TIME TABLE FOR 1891-2.—WINTER SESSION.—CLASSES IN MEDICINE AND SCIENCE.

| | Monday. | Tuesday. | Wednesday. | Thursday. | Friday. | Saturday. |
|-----------------------------------|---------|----------|------------|-----------|---------|-----------|
| ANATOMY, Junior, | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 | ... |
| ANATOMY, Senior, | 11-12 | ... | 11-12 | ... | 11-12 | ... |
| PRACTICAL ANATOMY, | 9-4 | 9-4 | 9-4 | 9-4 | 9-4 | ... |
| CHEMISTRY, Lecture, | 12-1 | 12-1 | 12-1 | 12-1 | 12-1 | ... |
| PRACTICAL CHEMISTRY, | ... | ... | 2-4 | ... | ... | 10-12 |
| ZOOLOGY (in Winter), | 3-4 | 3-4 | ... | ... | 3-4 | ... |
| PHYSIOLOGY, | 2-3 | 2-3 | 2-3 | 2-3 | 2-3 | ... |
| MATERIA MEDICA, | 12-1 | 12-1 | 12-1 | 12-1 | 12-1 | ... |
| SURGERY, Lecture, | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | ... |
| *CLINICAL SURGERY, | 9-10.30 | 9-10.30 | 9-10.30 | 9-10.30 | 9-10.30 | 10-12 |
| MEDICINE, Lecture, | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | ... |
| *CLINICAL MEDICINE, | 9-10.30 | 9-10.30 | 9-10.30 | 9-10.30 | 9-10.30 | ... |
| MIDWIFERY AND GYNAECOLOGY, | 12-1 | 12-1 | 12-1 | 12-1 | 12-1 | ... |
| MEDICAL JURISPRUDENCE, | 4-5 | ... | 4-5 | ... | 4-5 | ... |
| *PATHOLOGY, | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | ... |

* Royal Infirmary.

For the Time Table for the Summer Session, 1892, see the special Prospectus of the Medical School.

Correspondence Classes.

The object of the Correspondence Classes is (a) to assist in their private studies ladies who are resident in the country, or who, though resident in Glasgow, do not find it convenient to attend classes; or (b) to aid them in preparing for the Local Examinations of Glasgow University; or (c) to afford instruction in subjects not taken up in the College lectures for the year. The Local Examinations will be held on the 31st May, and 1st, 2nd, and 3rd June, 1892. There is no limit of age for admission. The Examination Board undertake to establish a Local Centre in any place (excepting the other University seats) upon the following conditions:—

1. A Local Committee must make the local arrangements required for the proper conducting of the Examination.
2. In order that any place may be recognised as a Local Centre, fees to the amount of at least £5 must be contributed by or on behalf of the candidates enrolling for examination at such place.
3. Any expenses incident to the Examination in each Local Centre (but not including fees to Examiners) must be borne by the Local Committee. Special arrangements for examination will be made for other countries, in the case of members of the Correspondence Classes of Queen Margaret College.

The subjects of Examination are divided into five groups, viz.:—

- (a) Common Subjects.
- (b) Special Subjects—Junior Certificate.
- (c) Special Subjects—Senior Certificate.
- (d) Subjects for the Higher Examination for Women.
- (e) Degree Subjects.

Details of the Common Subjects, of the Special Junior

and Senior Subjects, and of some extra classes, with the names of the books recommended by the Correspondence Tutors, will be found in the Prospectus of the Correspondence Classes, which may be obtained from the Honorary Secretary, MISS DUNCAN. For the details of the subjects of the Higher Examination and of the Degree Subjects, with the names of the books suggested by the University Local Examination Board, see pages 68 to 77 of this Calendar.

Classes will be formed for the study of all these subjects, and of the History of Art, including Painting and Architecture, Practice of Art, and Perspective.

Classes will also be held in preparation for the Examinations of the Associated Board of the Royal Academy of Music and the Royal College of Music, London, in Theory of Music for Junior and Senior Certificate.

Students who intend to prepare for the University Examination are requested to provide themselves with a copy of the University of Glasgow Local Examination Scheme for 1892, which may be had from Messrs. MACLEHOSE & SONS, 61 St. Vincent Street, price 6d., by post 8d.

Students who do not intend to prepare for Examination may select subjects from any grade, and in any order that suits them best.

The Correspondence Classes are open to men.

FEES.—The fees for the whole course are as follows:—For the Common Subjects (Scripture and Latin excepted), £1 11s. 6d.; for the Common Subjects (Latin excepted), £2 2s.; for each of the Special Subjects (Junior or Senior), £1 11s. 6d.; for each subject for the Higher Examination, and for each of the Degree Subjects, £2 2s.

Pupils in foreign countries are charged a small additional fee to cover the higher rate of postage.

The course may be divided into three terms for payment of fees, viz. :—From 1st November to 5th January, for each subject, 11s. ; from 5th January to 10th March, 11s. ; and from 10th March to 15th May, 11s. Single term in each of the Higher Examination Subjects, 15s.

Fees are payable in advance, and pupils who intend to withdraw from a class at the end of the 1st or 2nd term *are requested to give notice to the Secretary of the Correspondence Classes eight days before the end of the term.* Failing to do so, they will be liable for the fee of the following term.

Students, when they join the classes, will receive a Plan of study, divided into fortnightly lessons, and Examination Papers based on this plan will be sent to them once a fortnight, to which they will be expected to send written answers within a given period. The papers, when corrected, will be returned to the Correspondents, with notes and explanations.

The course will begin on 1st November, 1891, and will continue till 14th May, 1892. Students can join these classes at any time, but they are strongly recommended to enter at the beginning of the course or one of the three terms (see above).

Summer Classes for Art, Botany, and Theory of Music begin early in June.

Students who join after the opening of any class must be prepared to take up the work at the stage reached by the class. When practicable, the back papers will be sent to them, but answers to these cannot be corrected.

Members of the Correspondence Classes may obtain the privilege of using the Consulting Library and Reading Room of Queen Margaret College during the Session on payment of a Library Fee of 5s. They may also borrow books from the Library on payment of a fee of 7s. for the

period from 1st November till 25th May, or of 5s. for the period from 3rd June till 24th October.

Arrangements have been made by which heads of Schools or Private Governesses can obtain the question papers of the Correspondence Classes for the Common Subjects, including Scripture, and for some of the Special Subjects, on application to MISS DUNCAN.

Correspondence students are requested to apply to MISS DUNCAN, Honorary Secretary for the Correspondence Classes, 65 Hamilton Drive, Hillhead, Glasgow, to whom Money Orders may be made payable, and who will give any further information that may be desired. When payment is made by cheque it must include 6d. for Bank charges, except in the case of cheques on London and Glasgow.

LIBRARY AND READING ROOM.

This Library is specially designed to meet the requirements of ladies attending the College Lectures, or preparing for the University Local Examinations, and of Students in the Tutorial and Correspondence Classes of the College.

It contains above 1,300 volumes on History, Biography, Literature, Philology, Mental and Moral Philosophy, Science, Political Economy, Latin, Greek, French, German, and Italian Language and Literature, Theory of Music, Art, etc., besides Atlases, Dictionaries, and Encyclopædias. The catalogue includes the principal books prescribed for the Glasgow University Local Examinations, and those recommended by the Lecturers. Additions will be made to the present number of books as the funds permit.

The Library consists of two divisions—the Lending Library and the Consulting Library; books are not lent out from the latter. The Reading Room, which is entirely

set apart for readers, is open daily during the winter session from 10.30 a.m. till 5.30 p.m., on week days, except Saturdays, when it is shut at 1 p.m. Books may be exchanged at any time during these hours.

Each matriculated student is entitled to use the Library and Reading Room. Members of the Correspondence Classes who are not matriculated students, or any former students of Queen Margaret College, or of the Glasgow Association for the Higher Education of Women, or ladies belonging to Queen Margaret Guild, may obtain the privilege of using the Consulting Library and Reading Room during the session on payment of a Library Fee of 5s.

Both matriculated students and members of the Correspondence Classes may borrow books from the Library on payment of a fee of 7s. for the period from 1st November till 25th May, or of 5s. for the period from 3rd June till 24th October. Every student borrowing books is entitled to have in her possession two volumes (in summer, four volumes) at one time, and to retain any book for two weeks (in summer, four weeks) from the date of borrowing, and further to re-borrow any book for successive periods of two weeks, unless application for it shall in the meantime have been made by another person entitled to the use of the Library. Each student who subscribes for the summer months may take out four volumes at a time, which may be exchanged once a month on fixed days. Notice will be given to each subscriber at the beginning of the summer of the day in each month on which the Library will be open for this purpose. Books must not be sent in at other times during the summer months. If a book be taken out without being registered, or if notice of re-borrowing be not given, or if any book be not returned within three days after notice shall be sent by the Secretary, a fine will be

levied. The privileges of any reader liable to a fine are suspended until the fine is paid.

Books belonging to the Library must not be privately transferred from one reader to another, and must not be lent to non-subscribers. Subscribers who reside at a distance from Glasgow pay all the expenses of transmission of their books, and the carriage of books by rail must be prepaid.

Every parcel of books when returned to the Library must have the name of the sender clearly written outside the cover.

Subscribers will be held liable to make good any damage sustained by books while in their keeping or in transit.

Dictionaries and the smaller text-books prescribed by the Lecturers and University Examiners are not lent out.

A general inspection of the Library takes place twice a year; and the Library is closed for this purpose from 25th May to 3rd June, and from 24th October till 1st November. All books must be returned to the Library before 25th May and 24th October, on penalty of a fine.

The Library will be closed during the Christmas and other holidays.

Strict order and silence must be observed in the Reading Room; an adjoining room is provided for students who wish to wait between two classes.

Letters respecting the Library, and parcels of books when returned, are to be addressed to the Secretary, MISS GALLOWAY, Queen Margaret College, Kelvinside, Glasgow, to whom Post-Office Orders should be made payable, and from whom subscription tickets may be had. The Library Committee will be glad to receive donations of money or of books for the Library, which should be sent to the Secretary.

LOCAL EXAMINATIONS OF THE UNIVERSITY OF GLASGOW.

REGULATIONS FOR 1892.

The Examinations for 1892 will be held on the 31st May, and 1st, 2nd, and 3rd June.

Enrolment forms may be obtained from the Secretary at the University, in the month of April. Candidates must fill up and return these forms *on or before the 1st May*, forwarding the fees at the same time. Unless with special permission candidates will not be admitted to enrolment after 1st May.

PLACES OF EXAMINATION.—Candidates will be examined at the University, Glasgow, and at such places as the Board may appoint as Local Centres. The Board undertake to establish a Local Centre in any place (excepting the other University seats, St. Andrews, Aberdeen, and Edinburgh), upon the following conditions:—1. A Local Committee of those interested in the higher education of the district must be formed, and must make the local arrangements required for the proper conducting of the Examination. 2. In order that any place may be recognised as a local centre, fees to the amount of at least £5 must be contributed by or on behalf of the candidates enrolling for examination at such place. 3. Any expenses incident to the Examination at each Local Centre (but not including fees to Examiners) must be borne by the Local Committee.

The Secretary of the Local Committee will receive from the Candidates belonging to the district their forms of application, duly filled up, and their fees, and will transmit them *not later than 2nd May* to the Secretary of the Board at the University.

CERTIFICATES.—The Certificates granted by the Board are as follows, viz.:—

- | | | |
|-------------------------------------|---|--------------------------|
| I. Junior, | } | for both Boys and Girls. |
| II. Senior, | | |
| III. Higher, | } | for Women. |
| IV. Certificate in Degree Subjects, | | |

They are signed by the Vice-Chancellor of the University, and specify in each case the subjects in which the Candidate has passed.

Ladies who hold the Senior Certificate, or the Higher Certificate, or the Certificate in Degree Subjects, may act as Assistant Teachers, under Article 79 of the Scotch Code of the Education Department,

and, under Art. 47 b 2, may obtain Government Certificates, after twelve months' service in a day school receiving Government grants.

The subjects of examination, proficiency in which gives a right to a Certificate, are divided into five groups :—

(a) COMMON SUBJECTS, VIZ. :—

1. English ; 2. History *or* Scripture History ; 3. Geography ; 4. Arithmetic ; 5. Latin *or* French *or* German, to the extent specified.

(b) SPECIAL SUBJECTS FOR THE JUNIOR CERTIFICATE,
VIZ. :—

DEPARTMENT A.

1. English, including Composition and Literature ; 2. History and Geography ; 3. Scripture History.

DEPARTMENT B.

1. Latin ; 2. Greek ; 3. French ; 4. German.

DEPARTMENT C.

1. Mathematics ; 2. Natural Philosophy ; 3. Astronomy.

DEPARTMENT D.

1. Chemistry ; 2. Botany ; 3. Zoology ; 4. Physiology ; 5. Geology and Physiography.

EXTRA SUBJECTS.

Drawing and Music.

(c) SPECIAL SUBJECTS FOR THE SENIOR CERTIFICATE,
VIZ. :—

DEPARTMENT E.

1. English Literature ; 2. History ; 3. Political Economy ; 4. Logic ; 5. Scripture History.

DEPARTMENT F.

1. Latin ; 2. Greek ; 3. French ; 4. German.

DEPARTMENT G.

1. Mathematics ; 2. Natural Philosophy ; 3. Astronomy.

DEPARTMENT H.

1. Chemistry ; 2. Botany ; 3. Zoology ; 4. Human Physiology ; 5. Geology.

EXTRA SUBJECTS.

Drawing and Music.

(d) SPECIAL SUBJECTS FOR HIGHER CERTIFICATE.

The range of selection allowed to the candidates for the Higher Certificate varies according to their preliminary qualifications. If the candidate has taken the Senior Certificate in the Local Examinations in any University, or if she has attained the age of eighteen years and passed in the subjects included under group (a) or an equivalent examination, she may offer herself for examination in at least *three* and not more than *six* subjects, taken from at least three of the departments. If the candidate has attained the age of eighteen years, but has not passed the examination specified above, she may offer herself for examination in Department A, and, in addition, in at least *three*, and not more than *five* subjects taken from at least two of the remaining departments; provided always that one of these additional subjects shall be Mathematics, or taken from Department B. No girl under the age of eighteen is admitted to the examination for the Higher Certificate unless she holds a Senior Certificate.

DEPARTMENT A.

English Language and Literature.—Candidates will be expected to show a general knowledge of the history of the English Language and a general knowledge of English Literature, with special knowledge of either (1) the period 1780-1860, more particularly of the life and works of Scott, Wordsworth, Macaulay, Carlyle, and Tennyson, with detailed knowledge of Chaucer's *Nonnes Prestes Tale*, Shakespeare's *Hamlet*, and the Selections from Wordsworth in Volume IV. of T. H. Ward's *English Poets* (Macmillan & Co.); or (2) the period 1625-1800, more particularly of the life and works of Milton, Addison, Pope, and Burke, with detailed knowledge of *Paradise Lost*, Books I. and II., and Burke's *Letter to a Noble Lord*.

Books suggested :—Spalding's *Manual of English Literature and Language*; Craik's *Outlines of the History of the English Language*; Arnold's *Manual of English Literature*; Chaucer's *Nonnes Prestes Tale* (Clarendon Press); Shakespeare's *Hamlet* (Clarendon Press).

For reference :—Taine's *History of English Literature*; Craik's *History of English Literature*; *English Men of Letters Series*, edited by John Morley; Nichol's *Tables of Modern History and Literature*; Ten Brink's *History of English Literature*.

DEPARTMENT B.

1. *Latin*.—Virgil, *Æneid*, Bk. VII.; Horace, *Odes*, Bks. II., III.; Horace, *Satires*, Bk. I.; Tacitus, *Agricola*. Any one of the following:—(a) Cicero, any oration or orations of not less than forty chapters; (b) Cicero's *Epistles*, any forty consecutive pages (Prichard and Barnard's edition); (c) any book of Livy. Roman Antiquities and Roman History from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI., VII.). Unseen translation. Proficiency in Latin Prose Composition and Grammar. A knowledge of the matter of the books read is essential.

2. *Greek*.—Homer, *Iliad* or *Odyssey*: any continuous portion of not less than seven hundred and fifty lines. Sophocles, *Philoctetes*, *Trachiniae*, or *Electra*; Herodotus, Book IX., to Ch. LXV.; Plato, *Crito*. A simple passage of unseen translation will be set. Questions on Greek Grammar, Literature, and Antiquities. Greek History, 478-404 B.C. (Smith's *Students' History of Greece*, ch. XXII.-XXXIII.).

3. *French*.—The papers will include passages for translation into English and French respectively; questions on the Grammar and History of the Language, and on French Literature to the death of Racine (1699).

Books suggested:—Brachet, *Grammaire historique* and *Dictionnaire étymologique de la langue française* (both translated by G. W. Kitchin); Littré, *Dictionnaire de la langue française*, abrégé par A. Beaujean; Demogeot, *Histoire de la Littérature française*, and *Textes classiques*, vol. I., *Moyen-Age et xvi^{me}. et xvii^{me}. Siècles*; Gérusez, *Histoire de la Littérature française*; Paul Albert, *La Littérature française au xvii^{me}. Siècle*. *Specimens of French Literature* selected and edited by G. Saintsbury (Clarendon Press); Moriarty, *French Syntax*.

4. *Italian*.—The papers will include passages for translation into English and Italian respectively; questions on Grammar, and on the Literature of the period 1300-1400.

5. *German*.—The papers will include passages selected by the Examiner for translation into English and German respectively; questions on Grammar and on German Literature from 1748 to 1832.

Books suggested:—Eve, *German Grammar* (2nd ed., Nutt, 1884); Gostwick and Harrison, *Outlines of German Literature*; Kluge, *Geschichte der deutschen Nationallitteratur*.

DEPARTMENT C.

1. *Mathematics*.—Euclid, First Six Books. Algebra, including Quadratic Equations, Progressions, and Binomial Theorem for Positive Integers. Plane Trigonometry, as far as the Solution of Triangles by the aid of Logarithmic tables.

2. *Natural Philosophy*.—The Elements of Statics and Dynamics, with the Solution of Problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.

3. *Astronomy*.—Herschel, *Astronomy*, Parts I. and III.

DEPARTMENT D.

1. *Psychology, Logic, and Metaphysics*.—Veitch's *Institutes of Logic*, except Chapters V., XIII., XIV., XV., XXV. (large print only); Veitch's *Hamilton* (Blackwood's Series); Veitch's *Descartes* (1879).

2. *Moral Philosophy*.—Ferrier, *Lectures on Greek Philosophy*, or Zeller's *Outlines of Greek Philosophy*; the ethical parts of Watson's *Selections from Kant*, pp. 225-306.

Candidates will also be expected to show some knowledge of the history of modern ethical philosophy. Information may be found on this subject in Ueberweg's *History of Philosophy*, Sorley's *Ethics of Naturalism*, or Martineau's *Types of Ethical Theory*.

On Kant's *Ethics*, students may consult with advantage Potter's *Ethics of Kant*, or Green's *Prolegomena*, especially Books II. and III.

3. *Political Economy*.—Marshall's *Economics of Industry*; Mill, *Political Economy*, Books I., II.

4. *History*.—The History of Europe from 1517 to 1714.

Books suggested:—Lodge's *History of Modern Europe* (John Murray); for reference, Dyer's *History of Modern Europe*; Ranke's *History of the Popes*; Ranke's *History of the 17th Century*.

5. *Scripture*.—Introduction to, and Exegesis of, St. Matthew's Gospel and the Epistles to the Thessalonians.

DEPARTMENT E.

1. *Chemistry*.—Books suggested:—Roscoe, *Lessons in Elementary Chemistry*; Fownes, *Manual of Chemistry*; Armstrong, *Organic*

Chemistry; Bloxam, *Chemistry, Inorganic and Organic*; Roscoe and Schorlemmer, *Treatise on Chemistry*; Miller, *Elements of Chemistry*.

2. *Botany*.—(A) Morphological, including the anatomy and development of plants and the principles of classification. (B) Physiological.—Books suggested:—Oliver, *Elementary Botany*; Balfour, *Manual of Botany*; Henfrey, *Elementary Course of Botany*, edited by Masters; Sachs, *Text-Book of Botany*; Bower and Vines' *Practical Botany*.

3. *Geology and Physical Geography*.—Books suggested:—Lyell, *Student's Elements of Geology*; Green, *Geology*, vol. I.; Nicholson, *Palaeontology*; Young, *Physical Geography*.

4. *Zoology*.—Books suggested:—Nicholson, *Manual of Zoology*; Huxley, *Anatomy of Vertebrated Animals*; Huxley, *Invertebrata*, Rolleston, *Forms of Animal Life*; Claus, *Text-Book*.

5. *Physiology*.—Book suggested:—M'Kendrick, *Text-Book of Physiology* (MacLehose).

(c) SUBJECTS FOR CERTIFICATE IN DEGREE SUBJECTS.

Candidates are required to select at least five subjects from at least three Departments. They have it in their option to complete their examination in all the subjects in one year, or to distribute them over a period not exceeding three years.

Department

| | | |
|----|--|-----------------------------------|
| A. | <i>English Language and Literature.</i> | } Same as for Higher Certificate. |
| B. | 1. <i>Latin.</i> | |
| | 2. <i>Greek.</i> | |
| C. | 1. <i>Mathematics.</i> | |
| | 2. <i>Natural Philosophy.</i> | |
| D. | 1. <i>Psychology, Logic, and Metaphysics</i> | |
| | 2. <i>Moral Philosophy.</i> | |
| | 1. <i>Chemistry.</i> | |
| | 2. <i>Botany.</i> | |
| E. | 3. <i>Geology and Physical Geography.</i> | |
| | 4. <i>Zoology.</i> | |
| | 5. <i>Physiology.</i> | |

Candidates for Junior, Senior, or Higher Certificates may also present themselves for examination in Drawing and Music, and their proficiency in these EXTRA Subjects will be recorded in the Certificate, but the marks obtained will not be taken into account in arranging the order of merit.

EXTRA SUBJECTS (HIGHER CERTIFICATE).

Drawing.—(A) Freehand Drawing of Ornament, in outline, from the flat example; Freehand Drawing of the human figure in outline, from the flat example; Freehand Drawing from objects or models, in outline.

(B) Freehand Drawing of the human figure, from the cast, in outline; Shading the human figure, in crayon, from the flat example; Perspective; Plane Geometry.*

Candidates may take either or both.

Music.—1. (a) Harmony; (b) Counterpoint; (c) Fugue and Canon; (d) Musical Form; the Symphony, Sonata, etc.

2. Modern Orchestral Instruments and their individual characteristics. The detailed construction of an Orchestral score.

Work to be studied with reference to Form and Orchestration—Fourth Symphony by Mendelssohn.

3. General Outlines of Musical History, and Biography of the great masters.

Text-Books.—Macfarren, *Elements of Harmony*; Taylor, *Student's Text-Book of the Science of Music*; Cherubini, *Counterpoint and Fugue*; Banister, *Music*; Berlioz, *Orchestration*.

The Time Table for 1892† should be consulted by Candidates in selecting their lines of study, so as to ensure that the hours of examination in the various subjects selected may be compatible.

* The examinations in Drawing are based on those of the Department of Science and Art.

† See next page.

TIME TABLE FOR HIGHER EXAMINATIONS, 1892.

| Days. | Hours. | Subjects for Higher Certificate and for Certificate in Degree Subjects. |
|----------------------|---------------------|---|
| TUESDAY 31 MAY. | 9 A.M.—10.30 A.M. | B. 3. French, 1st Paper. E. 3. Geol. & Ph. Geog., 1st Paper. |
| | 10.30 A.M.—12 noon. | B. 5. German, 1st Paper. E. 4. Zoology, 1st Paper. |
| | 1 P.M.—3 P.M. | A. English, 1st Paper. |
| | 3 P.M.—5 P.M. | D. 2. Moral Philosophy. |
| WEDNESDAY 1 JUNE. | 6 P.M.—8 P.M. | D. 5. Scripture. E. 2. Botany. |
| | 9 A.M.—10.30 A.M. | B. 3. French, 2nd Paper. E. 3. Geol. & Ph. Geog., 2nd Pap. |
| | 10.30 A.M.—12 noon. | B. 5. German, 2nd Paper. E. 4. Zoology, 2nd Paper. |
| | 1 P.M.—3 P.M. | A. English, 2nd Paper. |
| THURSDAY 2 JUNE. | 3 P.M.—5 P.M. | C. 1. Mathematics. |
| | 5 P.M.—6 P.M. | B. 4. Italian. |
| | 9 A.M.—10.30 A.M. | B. 1. Latin, 1st Paper. |
| | 10.30 A.M.—12 noon. | B. 2. Greek, 1st Paper. |
| FRIDAY 3 JUNE. | 1 P.M.—3 P.M. | D. 1. Psychology, Logic, and Metaphysics. |
| | 3 P.M.—5 P.M. | E. 1. Chemistry, 1st Paper. |
| | 5 P.M.—8 P.M. | D. 3. Political Economy. E. 5. Physiology, 1st Paper. |
| | 6 P.M.—8 P.M. | |
| FRIDAY 3 JUNE. | 9 A.M.—10.30 A.M. | B. 1. Latin, 2nd Paper. Drawing. |
| | 10.30 A.M.—12 noon. | B. 2. Greek, 2nd Paper. Music. |
| | 1 P.M.—3 P.M. | C. 2. Natural Philosophy. E. 1. Chemistry, 2nd Paper. |
| | 3 P.M.—5 P.M. | C. 3. Astronomy. E. 5. Physiology, 2nd Paper. |

CLASSIFICATION OF SUCCESSFUL CANDIDATES.

Subject to the condition that candidates are not entitled to Honours or Commendation unless they pass in all the Special Subjects in one year, successful candidates for the Senior and the Junior Certificate are ranked in three grades according to the degree of proficiency displayed, viz. :—

1. *With Honours*.—Those who pass with an average of not less than 75 per cent. of the marks attainable in each of their Special Subjects. Candidates who obtain such percentage in the maximum number of Special Subjects which they are allowed to take up will be recorded as having passed with Highest Honours.

2. *With Commendation*.—Those who pass with an average less than 75 per cent. but not less than 60 per cent. of the marks attainable in each of their Special Subjects. Candidates who obtain such percentage in the maximum number of subjects will be recorded as passing with Special Commendation.

3. *Pass*.—Those who obtain Pass Marks in the requisite subjects, but fail to attain to the standard for Commendation.

Passing with Honours or with Commendation will be recorded in the Certificates, as well as in the Report and books of the Board.

Those who obtain Higher Certificates are arranged in order of merit, with a deduction in the case of candidates who take more than three subjects of 50 per cent. for each subject in excess of three.

An Honour list is published containing the names of those candidates for the Higher Certificate and the Degree Subjects Certificate who obtain 75 per cent. and upwards in each of two or more subjects.

No certificate is granted if the subjects in which the candidate has passed belong to only one Department. In the Higher Examination a candidate in order to obtain a Certificate, must pass in subjects taken from at least three Departments. The Certificate in Degree Subjects is not granted until the candidate has passed in five subjects taken from at least three Departments.

N.B.—It is contemplated that in 1892 and thereafter the minimum marks for a pass in any subject under (a), (b), or (c), shall be 50 per cent. The attention of candidates is especially directed to this.

F E E S.

Candidates for the Higher Certificate who hold a Senior Certificate, or who have passed in the subjects included under Group (a), are required to pay a fee of Two Guineas. Other candidates are required to pay Three Guineas.

Candidates for the Certificate in Degree Subjects are required to pay a fee of Three Guineas.

Any holder of a Certificate may, on payment of a fee of Ten shillings, be admitted to examination in one or more additional subjects, with the view of adding to the value of the Certificate previously obtained.

Candidates who have not been successful may re-appear for examination on the following terms :—

Any Candidate who has failed in only one of the Special Subjects, i.e. Group (b), (c), or (d), shall, on application in a subsequent year, be admitted to examination in that subject, so as to complete the minimum requirements for a Certificate, without payment of additional fee, and to examination in any other subject or subjects on payment of a fee of Ten shillings.

Any Candidate who has failed in more than one of the Special Subjects, but who has passed in such subjects as, with the addition of one of those in which the candidate failed, would have sufficed for a Certificate, shall, on application in a subsequent year, be admitted to examination in *that* subject without additional fee, and to examination in any other subject or subjects on payment of a fee of Ten shillings.

Any candidate who has failed in all the Special Subjects or in all but one of the Special Subjects selected shall, on application in a subsequent year, be admitted to examination in the subjects previously attempted, or in any three or more of them, on payment of a fee of Ten shillings, and to examination in any other subject or subjects (but so as not to exceed the prescribed number), on payment of a further fee of Ten shillings.

Candidates are admitted to free re-examination only once, and only in one subject, whether common or special.

Fees are not returned under any circumstances.

BURSARIES.

During eleven years Bursaries amounting in all to £1,397 10s. were given by Queen Margaret College and the Glasgow Association for the Higher Education of Women, in connection with the Local Examinations of Glasgow University. The names of the subscribers were published in the Reports or Calendars for the consecutive years. The schemes of the Educational Endowments Commissioners having provided an ample supply of Bursaries for Higher Education, the Council have thought it advisable not to ask for any further subscriptions for Bursaries.

MRS. ELDER SCHOLARSHIPS.

In 1884 the Executive Council of Queen Margaret College instituted two Scholarships to bear the name of Mrs. Elder, the donor of North Park House to Queen Margaret College. The Scholarships are open to ladies proposing to follow the profession of teaching who take a Senior Certificate at the University Local Examinations, and will be awarded in accordance with the results of these Examinations. The Scholarships are tenable for three years, and during each year the scholar is required to attend at least two classes in Queen Margaret College. The fee for these two classes and for matriculation will be paid out of the funds of the College. The scholars will be expected to take the Higher Certificate for Women, or the Certificate in Degree Subjects of the University of Glasgow; and on a scholar obtaining the Certificate, the College will refund to her the fees paid for the examination.

One Scholarship will be open to competition at the University of Glasgow Local Examination in June, 1892.

Candidates, besides entering their applications on the

Local Examination Schedules, must give in their names to the Honorary Secretary, Miss Galloway, Queen Margaret College, Glasgow, on or before 1st May, 1892.

GLASGOW EDUCATIONAL ENDOWMENTS.

Under the provisions of the Schemes constituting Hutchesons' Educational Trust, the Glasgow City Educational Endowments Board, and the Glasgow General Educational Endowments Board, Higher Education Bursaries are instituted, which may be competed for and held by girls. Queen Margaret College is one of the Institutions at which these Bursaries may be held. The conditions of competition may be ascertained on application to Dr. F. Lockhart Robertson, Secretary, at the office, Hutchesons' Buildings, Ingram Street.

GENERAL FUND.—ABSTRACT STATEMENT OF THE TREASURER'S ACCOUNTS,

From 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|-------------|--|---------------|
| I. ORDINARY INCOME— | | I. FUNDS AND OVERDRAFT AS AT 15TH MAY, 1890— | |
| Lecture and Tutorial Class Fees, . | £493 14 6 | Overdraft from Union Bank, . | £700 14 8 |
| Subscriptions and Donations, . | 52 5 0 | Less Cash in hands of Treasurer, . | 17 7 11 |
| Library Fees, . | 5 2 0 | | |
| Matriculation Fees, . | 45 10 0 | II. ORDINARY EXPENDITURE— | £683 6 9 |
| Sale of College Calendar, . | 4 0 6 | Professors' and Tutors' Fees, . | £713 1 8 |
| Interest Account, . | 669 5 1 | Expenses of Library, . | 5 2 9 |
| | | Prizes for Professors' Classes and | |
| II. EXTRAORDINARY INCOME— | £1,269 17 1 | Mrs. Elder Scholarships, . | 25 15 1 |
| Donation from Mrs. A. Coats for | | Rents—Religious Institution Rooms | |
| Arts Classes for years 1890-91, | | for Council Meetings, . | 2 0 0 |
| 1891-92, 1892-93, . | £300 0 0 | Rates, Taxes, and Insurances, . | 87 11 1½ |
| Amount applicable to year 1890-91, . | 100 0 0 | Repairs and Alterations on Hous., . | 93 7 2 |
| III. FUNDS AND OVERDRAFT AS AT 15TH MAY, 1891— | | Furniture, Fittings, Class Requisites, | 24 15 2½ |
| Overdraft from Union Bank, . | £424 4 8½ | House Expenses, including Coal, | |
| Add—Amount of Mrs. A. Coats' | | Gas, etc., . | 41 19 6½ |
| donation applicable to years | | Garden Expenses, including Wages, | |
| 1891-92, 1892-93, paid into | | Tools, and Grass Seeds, . | 68 4 0 |
| bank to reduce overdraft, . | 200 0 0 | Janitor's Wages and other service, | 74 13 6 |
| | | Advertising, . | 34 10 0 |
| | | Printing and Stationery, . | 46 18 7½ |
| | | Postages, . | 12 0 4½ |
| Less Cash in hands of Treasurer, . | £624 4 8½ | Class Expenses, Apparatus, etc., . | 18 0 4 |
| | 10 1 10 | Endowment Fund—Two-thirds of | |
| | | Fees of Political Economy Class | |
| | | paid to Endowment of Lecture- | |
| | | ship, . | £67 7 0 |
| | | One-third of income of | |
| | | Philosophy Endowment | |
| | | paid to Endowment of | |
| | | Political Economy Chair, . | 40 3 4 |
| | | III. EXTRAORDINARY EXPENDITURE— | |
| | | College Seal, . | 47 10 4 |
| | | | 1,295 9 8½ |
| | | | 5 3 6 |
| | | | £1,983 19 11½ |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found them correctly stated and sufficiently vouched.

ROBERT BLVTH, C.A., Auditor.

MEDICAL SCHOOL.—ABSTRACT STATEMENT OF THE TREASURER'S ACCOUNTS,

From 14th July, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|-----------|--|-----------|
| I. ORDINARY INCOME— | | ORDINARY EXPENDITURE— | |
| Class Fees for Winter Session 1890-91, and part of do. for Summer Session 1891, £301 3 0 | | Lecturers' Fees (Winter Session only), Class Fees paid to Royal Infirmary, | £300 0 0 |
| Clinical Class Fees for Royal Infirmary, | 52 10 0 | Laboratory Materials, | 52 10 0 |
| Fees for Laboratory Materials, | 12 15 0 | Class Expenses, | 12 15 0 |
| Matriculation Fees, | 3 5 0 | Books for Medical Library, | 17 6 4 |
| | £369 13 0 | Advertisements, | 3 4 1 |
| II. EXTRAORDINARY INCOME— | | Printing and Stationery, | 75 15 10 |
| Donation from Mrs. Elder, | 450 0 0 | Postages, | 14 16 8 |
| | | House Expenses, including Coal, Gas, etc., | 7 2 0 |
| | | Service, | 20 15 9½ |
| | | Sundries, | 20 19 4 |
| | | | 2 3 3½ |
| | | | £57 8 4 |
| | | II. EXTRAORDINARY EXPENDITURE— | |
| | | Class and Laboratory Apparatus, | £96 6 1 |
| | | Furniture, | 123 2 2 |
| | | Alterations and Repairs on Building for School, | 68 16 6 |
| | | | 288 4 9 |
| | | III. FUNDS IN HAND AND IN BANK AS AT 15TH MAY, 1891— | |
| | | Cash in Union Bank, | £3 5 1 |
| | | Cash in Treasurer's hands, | 0 14 10 |
| | | | 3 19 11 |
| | | | £819 13 0 |

GLASGOW 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 14th July, 1890 to 15th May, 1891, and have found them correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

GENERAL FUND.—ABSTRACT STATEMENT OF THE TREASURER'S ACCOUNTS,

From 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|-------------|---|---------------|
| I. ORDINARY INCOME.— | | I. FUNDS AND OVERDRAFT AS AT 15TH MAY, 1890.— | |
| Lecture and Tutorial Class Fees, . . . | £493 14 6 | Overdraft from Union Bank, . . . | £700 14 8 |
| Subscriptions and Donations, . . . | 52 5 0 | Less Cash in hands of Treasurer, 17 7 11 | £583 6 9 |
| Library Fees, . . . | 5 2 0 | | |
| Matriculation Fees, . . . | 45 10 0 | II. ORDINARY EXPENDITURE.— | |
| Sale of College Calendar, . . . | 4 0 6 | Professors' and Tutors' Fees, . . . | £713 1 8 |
| Interest Account, . . . | 669 5 1 | Expenses of Library, . . . | 5 2 9 |
| | £1,269 17 1 | Prizes for Professors, Classes and Mrs. Elder Scholarships, . . . | 25 15 1 |
| II. EXTRAORDINARY INCOME.— | | Rents—Religious Institution Rooms for Council Meetings, . . . | 2 0 0 |
| Donation from Mrs. A. Coats for Arts Classes for years 1890-91, 1891-92, 1892-93, . . . | £300 0 0 | Rates, Taxes, and Insurances, . . . | 87 11 1½ |
| | | Repairs and Alterations on House, Furniture, Fittings, Class Requisites, House Expenses, including Coal, Gas, etc., . . . | 93 7 2 |
| Amount applicable to year 1890-91, 1891-92, 1892-93, . . . | 100 0 0 | Garden Expenses, including Wages, Tools, and Grass Seeds, . . . | 24 15 2½ |
| Overdraft from Union Bank, . . . | £424 4 8½ | Janitor's Wages and other service, . . . | 41 19 6½ |
| Adid—Amount of Mrs. A. Coats' donation applicable to years 1891-92, 1892-93, paid into bank to reduce overdraft, . . . | 200 0 0 | Advertising, . . . | 68 4 0 |
| | | Printing and Stationery, . . . | 74 13 6 |
| Less Cash in hands of Treasurer, 10 1 10 | £624 4 8½ | Postages, . . . | 34 10 0 |
| | 614 2 10½ | Class Expenses, Apparatus, etc., . . . | 40 18 7½ |
| | | Endowment Fund—Two-thirds of Fees of Political Economy Class paid to Endowment of Lecture-ship, . . . | 12 0 4½ |
| | | One-third of income of Philosophy Endowment paid to Endowment of Political Economy Chair, 40 3 4 | 18 0 4 |
| | | III. EXTRAORDINARY EXPENDITURE.— | |
| | | College Seal, . . . | 47 10 4 |
| | | | 1,295 9 8½ |
| | | | 5 3 6 |
| | | | £1,983 19 11½ |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found them correctly stated and sufficiently vouched.

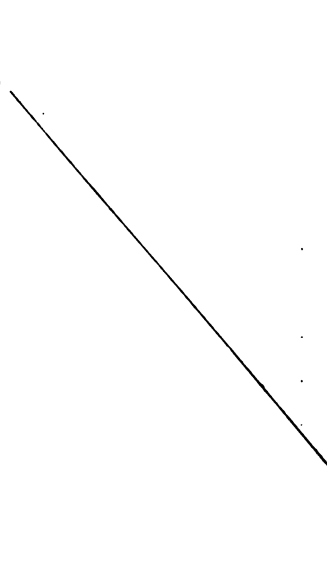
ROBERT RIVYTH CA

MEDICAL SCHOOL.—ABSTRACT STATEMENT OF THE TREASURER'S ACCOUNTS,

From 14th July, 1890, to 15th May, 1891.

RECEIPTS.

| | |
|--|------------------|
| I. ORDINARY INCOME— | |
| Class Fees for Winter Session 1890-91, and part of do. for Summer Session 1891, £301 3 0 | |
| Clinical Class Fees for Royal Infirmary, | 52 10 0 |
| Fees for Laboratory Materials, | 12 15 0 |
| Matriculation Fees, | 3 5 0 |
| | <u>£369 13 0</u> |
| II. EXTRAORDINARY INCOME— | |
| Donation from Mrs. Elder, | 450 0 0 |



£819 13 0

EXPENDITURE.

| | |
|--|------------------|
| I. ORDINARY EXPENDITURE— | |
| Lecturers' Fees (Winter Session only), Class Fees paid to Royal Infirmary, | £300 0 0 |
| Laboratory Materials, | 52 10 0 |
| Class Expenses, | 12 15 0 |
| Books for Medical Library, | 17 6 4 |
| Advertisements, | 3 4 1 |
| Printing and Stationery, | 75 15 10 |
| Postages, | 14 16 8 |
| House Expenses, including Coal, Gas, etc., | 7 2 0 |
| Service, | 20 15 9½ |
| Sundries, | 20 19 4 |
| | <u>2 3 3½</u> |
| | <u>£537 8 4</u> |
| II. EXTRAORDINARY EXPENDITURE— | |
| Class and Laboratory Apparatus, Furniture, | £96 6 1 |
| Alterations and Repairs on Building for School, | 123 2 2 |
| | <u>68 16 6</u> |
| | 288 4 9 |
| III. FUNDS IN HAND AND IN BANK AS AT 15TH MAY, 1891— | |
| Cash in Union Bank, | £3 5 1 |
| Cash in Treasurer's hands, | 0 14 10 |
| | <u>3 19 11</u> |
| | <u>£819 13 0</u> |

GLASGOW 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 14th July, 1890 to 15th May, 1891, and have found them correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

CORRESPONDENCE CLASSES—ABSTRACT OF ACCOUNTS.

From 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|------------------|---|------------------|
| I. FUNDS IN BANK, 15TH MAY, 1890— | | I. ORDINARY EXPENDITURE— | |
| Cash in Royal Bank of Scotland on | | Tutors' Fees, | £212 11 6 |
| D.R., | £200 0 0 | Assistant Secretary's Remuneration, | 30 0 0 |
| Cash in Royal Bank of Scotland on | | Certificates and Prizes, | 4 11 3 |
| Current Account, | 60 3 1 | Postages, Printing, and Incidental | |
| | | Expenses, | 25 11 0 |
| | <u>£260 3 1</u> | | <u>£272 13 9</u> |
| II. ORDINARY INCOME— | | II. FUNDS IN BANK, 15TH MAY, 1891— | |
| Fees for Session 1890-91, | £288 14 0 | Cash in Royal Bank of Scotland on | |
| Interest on Bank Account, | 6 1 3 | D.R., | £225 0 0 |
| | <u>294 15 3</u> | Cash in Royal Bank of Scotland on | |
| | | Current Account, | 57 4 7 |
| | <u>£554 18 4</u> | | <u>282 4 7</u> |
| | | | <u>£554 18 4</u> |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found the same correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

BURSARY FUND—ABSTRACT OF TREASURER'S ACCOUNTS.

From 16th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|----------------|---|----------------|
| I. FUNDS IN BANK, 15TH MAY, 1890— | | I. ORDINARY EXPENDITURE— | |
| Cash in Union Bank, | £3 6 8 | Fourth Instalment of Bursary (Argyllshire), 1888— | £5 0 0 |
| II. EXTRAORDINARY INCOME— | | II. FUNDS IN BANK, 15TH MAY, 1891— | |
| Donation from Governors Registry Fund, | 6 13 4 | Cash in Union Bank, | 5 0 0 |
| | <u>£10 0 0</u> | | <u>£10 0 0</u> |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found the same correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

GOVERNANCE LOAN FUND—ABSTRACT OF TREASURER'S ACCOUNTS,

From 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | | | EXPENDITURE. | | | |
|-----------------------------------|---|---|----------|-----------------------------------|---|---------|----------|
| I. FUNDS IN HAND, 15TH MAY, 1890— | | | | I. FUNDS IN HAND, 15TH MAY, 1891— | | | |
| Cash in Bank, | . | . | £30 5 3 | Cash in Union Bank on D.R., | . | £30 0 0 | |
| Cash in Treasurer's hands, | . | . | 4 11 11 | Do. do. C.A., | . | 30 0 5 | |
| | | | £34 17 2 | Do. Treasurer's hands, | . | 0 16 11 | £60 17 4 |
| II. ORDINARY INCOME— | | | | | | | |
| Repayment of Loans, | . | . | £23 15 0 | | | | |
| Subscriptions, | . | . | 2 0 0 | | | | |
| Bank Interest, | . | . | 0 5 2 | | | | |
| | | | 26 0 2 | | | | £60 17 4 |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found them correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

STILLIE BURSARY FUND—ABSTRACT OF TREASURER'S ACCOUNTS.

From 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|---|--|---|--|
| I. FUNDS IN HAND, 15TH MAY, 1890— Lanarkshire and Ayrshire Railway Debenture, . £125 0 0 | | I. FUNDS IN HAND, 15TH MAY, 1891— Lanarkshire and Ayrshire Railway Debenture, . £125 0 0 | |

GLASGOW, 14th August, 1891.—Examined and found correct: security exhibited.

ROBERT BLYTH, C.A., Auditor.

GENERAL ENDOWMENT FUND.

Abstract of Receipts and Expenditure, from 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|--|--------------|--|---------------------|
| I. FUNDS AND INVESTMENTS, 15TH MAY, 1890— | | I. INVESTMENTS DURING YEAR— | |
| Loan to General Fund of College, £1,733 0 6 | | Caledonian and Australian Mortgage and Agency Co., Ltd., due Martinmas, 1893, £1,000 0 0 | |
| Cash in Union Bank, £521 4 2 | | Do. do., due Whitsunday, 1894, 1,000 0 0 | |
| Cash in Bank of Scotland, 1,145 5 5 | 1,666 9 7 | Ontario & Quebec Ry. Co. 6% Capital Stk., \$5,000 @ 136, £1,360 0 0 | |
| | | Expenses, | 1,368 1 6 |
| | £13,289 15 3 | Caledonian Preferred Ord. Stock, £2,650 @ 3%, | 1,994 16 11 |
| II. SUBSCRIPTIONS TO GENERAL ENDOWMENT FUND, 2,660 0 0 | | | <u>£5,362 18 5</u> |
| III. INVESTMENT REALISED— | | II. LOAN TO GENERAL FUND— | |
| City Union Railway Debenture, £2,000 0 0 | | Extraordinary Expenditure (viz., building Laboratories), . . . | £86 1 7 |
| IV. BANK INTEREST, | 27 16 3 | | 0 0 0 |
| | | | 0 0 0 |
| | | III. FUNDS AND INVESTMENTS AT 15TH MAY, 1891— | |
| | | Loan to General Fund, | £1,819 2 1 |
| | | City Union Preference Stock, | 537 10 2 |
| | | Gt. Eastern Ry. Debenture Stock, | 774 17 0 |
| | | Lanarksh. and Ayrsh. Ry. Deb., | 600 0 0 |
| | | Ardrossan Harbour Deben. Stk., | 3,977 18 0 |
| | | London Scottish American Trust Ltd., Debenture Bonds, | 2,000 0 0 |
| | | Caledonian and Australian Mortgage and Agency Co. Ltd., Debenture Bonds, | 2,000 0 0 |
| | | Caledonian Ry. Co., Preferred Ordinary Stock, | 1,994 16 11 |
| | | Ontario and Quebec Ry. Co. 6% Capital Stock, | 1,368 1 6 |
| | | Cash in Union Bank on D.R., | 11 6 0 |
| | | Do. do. C.A., | 850 9 2 |
| | | Do. Bank of Scotland on D.R., | 43 10 8 |
| | | | <u>£15,977 11 6</u> |
| | | | <u>£15,977 11 6</u> |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the foregoing is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found the same correctly stated, and vouched by the securities.

ROBERT BLYTH, C.A., Auditor.

PHILOSOPHY AND POLITICAL ECONOMY LECTURESHIP ENDOWMENT FUND.

Abstract of the Treasurer's Accounts for the period from 15th May, 1890, to 15th May, 1891.

| RECEIPTS. | | EXPENDITURE. | |
|---|--|---|--|
| I. FUNDS IN HAND, 15TH MAY, 1890— | | I. FUNDS IN HAND, 15TH MAY, 1891— | |
| Androssan Harbour Debenture Stock, £118 5 9 | | Androssan Harbour Debenture Stock, £118 5 9 | |
| In Union Bank on D.R., 44 10 11 | | In Union Bank on D.R., 49 7 5 | |
| Do. D.R. (Pol. Econ. Ac.), 40 3 8 | | Do. D.R. (Pol. Econ. Ac.), 87 13 8 | |
| £203 0 0 | | £255 6 10 | |
| II. ORDINARY INCOME— | | | |
| Two-thirds of Fees received for | | | |
| Class of Political Economy, 1890-91, £7 7 0 | | | |
| One-third of Income of Philosophy | | | |
| Endowment paid to the Endow- | | | |
| ment of Political Economy Chair, 40 3 4 | | | |
| Interest Account, . . . 4 16 6 | | | |
| 52 6 10 | | | |
| £255 6 10 | | | |

GLASGOW, 14th August, 1891.—I have examined the Treasurer's Accounts, of which the above is an Abstract, for the period from 15th May, 1890, to 15th May, 1891, and have found the same correctly stated and sufficiently vouched.

ROBERT BLYTH, C.A., Auditor.

APPENDIX.

CLASS PRIZES.—SESSION 1890-91.

I. ARTS CLASSES.

CLASS OF LOGIC.

PROFESSOR VEITCH AND MR. R. M. WENLEY, M.A., D.SC.

Prize—Miss Isabella Blacklock.

CLASS OF MORAL PHILOSOPHY.

PROFESSOR E. CAIRD AND MR. R. M. WENLEY, M.A., D.SC.

Prize—Miss Grace L. Young.

Honourable Mention—Miss Hannah B. Lang.

CLASS OF POLITICAL ECONOMY.

MR. WM. SMART, M.A.

Prize—Miss J. C. Wyper.

Proxime Accessit—Miss I. E. Macintosh.

Mr. Smart's Prize for a Written Examination on Carlyle's "Past and Present."

1st Prize—Miss J. C. Wyper.

2nd „ Miss I. E. Macintosh.

Honourable Mention—Miss G. M. Moyes.

CLASS OF NATURAL PHILOSOPHY.

PROFESSOR BLYTH, M.A., F.R.S.E. (GLASGOW AND WEST OF SCOTLAND
TECHNICAL COLLEGE).

I. EXPERIMENTAL PHYSICS.

Prize { Miss S. L. Blair,
Miss M. M. Crichton, } equal.

II. THEORETICAL MECHANICS.

Prize—Miss S. L. Blair.

CLASS OF ENGLISH LANGUAGE AND LITERATURE, I.

MR. C. W. EGEETON, M.A.

Prize { Miss I. Yuill,
Miss M. D. Bennie, } equal.

CLASS OF ENGLISH LANGUAGE AND LITERATURE, II.

MR. C. W. EGEETON, M.A.

1st Prize—Miss Jane Hislop.

2nd „ Miss I. Montague Risk.

3rd „ Miss I. S. G. Kennedy.

CLASS OF FRENCH LANGUAGE AND LITERATURE.

MR. JULES A. L. KUNZ.

French Literature.

Prize—Miss M. M. Crichton.

French Language.

Prize—Miss J. S. N. Alexander.

Honourable Mention—Miss H. M. Rule.

CLASS OF GERMAN LANGUAGE AND LITERATURE.

DR. ALEXANDER TILLE, M.A.

German Literature.

Prize—Miss Jane Hislop.

Honourable Mention—Miss J. Cameron.

German Language.

Prize—Miss Jane Hislop.

Honourable Mention—Miss L. M. Miller.

CLASS OF HISTORY.

REV. PROFESSOR STORY, D.D.

1st Prize—Miss F. A. Warden.

2nd „ Miss J. S. N. Alexander.

Proxime Accesserunt—Miss M. A. Younie.

Miss M. I. Graham.

GERMAN TUTORIAL CLASS.

DR. ALEXANDER TILLE, M.A.

Prize { Miss H. M. Rule,
Miss I. Yuill, } equal.

II. MEDICAL SCHOOL.

CLASS OF CHEMISTRY.

DR. G. G. HENDERSON, M.A.

Prize—Miss J. R. Wells.

CLASS OF PRACTICAL CHEMISTRY.

DR. G. G. HENDERSON, M.A. .

Prize—Miss M. Gilchrist.

CLASS OF ANATOMY (JUNIOR).

DR. T. H. BRYCE, M.A.

Prize—Miss M. Gilchrist.

CLASS CERTIFICATES.

I. ARTS CLASSES.

LOGIC.

1st Class—Miss Isabella Blacklock.

2nd „ Miss S. L. Blair.

Miss C. S. Boog.

Miss J. Martin.

MORAL PHILOSOPHY.

1st Class—Miss Grace L. Young.

Miss Hannah B. Lang.

POLITICAL ECONOMY.

1st Class—Miss J. C. Wyper.

Miss I. E. Macintosh.

Miss J. Martin.

NATURAL PHILOSOPHY.

I. EXPERIMENTAL PHYSICS.

1st Class—Miss S. L. Blair.

Miss M. M. Crichton.

Miss J. Roberts.

2nd „ Miss E. M. Wilson.

Miss A. W. Young.

II. THEORETICAL MECHANICS.

- 1st Class—Miss S. L. Blair,
Miss J. Roberts.
2nd „ Miss M. M. Stirling.
Miss A. W. Young.
Miss M. M. Crichton.

ENGLISH LANGUAGE AND LITERATURE, I.

- 1st Class—Miss J. Hislop.
Miss I. Montague Risk.
2nd „ { Miss I. Yuill,
Miss M. D. Bennie, } equal.
Miss J. Martin.
Miss I. S. G. Kennedy.
Miss A. H. Murray.
Miss S. C. Cleghorn.
Miss H. Kennedy.
Miss E. Crawford.

FRENCH LANGUAGE AND LITERATURE.

French Literature.

- 1st Class—Miss M. M. Crichton.
Miss J. Hislop.
Miss J. Martin.
2nd „ Miss M. S. H. Osborne.
Miss M. I. Graham.

French Language.

- 1st Class—Miss J. S. N. Alexander.
Miss H. M. Rule.
Miss M. I. Graham.
Miss I. S. G. Kennedy.
Miss M. M. Crichton.
Miss S. C. Cleghorn.
Miss L. E. Rule.
Miss I. Yuill.
2nd „ Miss C. S. Boog.
Miss J. Hislop.
Miss K. I. Maclay.

GERMAN LANGUAGE AND LITERATURE.

German Literature.

- 1st Class—Miss J. Hislop.
 Miss J. Cameron.
 Miss L. M. Miller.
 2nd „ Miss S. C. Cleghorn.
 Miss J. Duncan.

German Language.

- 1st Class—Miss J. Hislop.
 Miss L. M. Miller.
 Miss S. C. Cleghorn.
 2nd „ Miss H. Kennedy.
 Miss M. L. Cameron.

HISTORY.

- 1st Class—Miss F. A. Warden.
 Miss J. S. N. Alexander.
 Miss M. A. Younie.
 Miss M. I. Graham.
 2nd „ Miss M. D. Bennie.
 Miss M. M'Millan.

MATHEMATICS TUTORIAL CLASS.

- 1st Class—Miss A. W. Young.
 Miss M. S. Maclean.
 Miss M. M. Stirling.
 2nd „ Miss C. Fraser.

LATIN TUTORIAL CLASS.

- 1st Class—Miss S. L. Blair.
 Miss M. S. Maclean.
 Miss M. D. Hannay.
 Miss C. Fraser.
 2nd „ Miss K. I. MacLay.
 Miss A. W. Young.
 Miss N. Kemp.

GERMAN TUTORIAL CLASS.

- 1st Class—Miss H. M. Rule.
 Miss I. Yuill.
 2nd „ Miss L. E. Rule.
 Miss M. I. Graham.
 Miss A. M. Arthur.

II. MEDICAL SCHOOL.

CHEMISTRY.

- 1st Class—Miss J. R. Wells.
 Miss M. Gilchrist.
 Miss C. Howie.
 2nd „ Miss M. C. Dewar.
 Miss J. J. M. Grant.
 Miss K. K. Paton.

PRACTICAL CHEMISTRY.

- 1st Class—Miss M. Gilchrist.
 Miss E. D. Lyness.
 Miss M. Ransome.
 Miss J. R. Wells.
 2nd „ Miss A. C. Dewar.
 Miss M. C. Dewar.
 Miss M. C. Horner.
 Miss K. K. Paton.

ANATOMY (JUNIOR).

- 1st Class—Miss M. Gilchrist.
 Miss J. Grant.
 2nd „ Miss A. L. L. Cumming
 Miss E. D. Lyness.
 Miss L. Gray.

ZOOLOGY.

- 1st Class—Miss M. Gilchrist.
 Miss M. Walker.

SURGERY.

- 1st Class—Miss J. R. Wells.
 2nd „ Miss C. Howie.
 Miss K. K. Paton.

SUMMER SESSION, 1891.

PRACTICAL PHYSIOLOGY.

SENIORS.

- 1st Class—Miss J. R. Wells.
 Miss C. Howie.
 Miss K. K. Paton.

JUNIORS.

- 1st Class—Miss M. Gilchrist.
 Miss A. L. L. Cumming.
 2nd „ Miss E. D. Lyness.
 Miss M. Ransome.
 Miss J. J. M. Grant.

PRACTICAL PHARMACY.

- 1st Class—Miss M. Ransome.
 Miss M. Gilchrist.
 2nd „ Miss M. C. Dewar.
 Miss A. C. Dewar.
 Miss E. D. Lyness.
 Miss K. K. Paton.
 Miss J. R. Wells.

BOTANY.

- 2nd Class—Miss M. C. Dewar.
 Miss R. Walker.

TRIPLE QUALIFICATION OF THE SCOTTISH COLLEGES.

FIRST PROFESSIONAL EXAMINATION.

Passed in April, 1891.

- Miss J. J. M. Grant.
 Miss C. Howie.
 Miss K. K. Paton.
 Miss J. R. Wells.

Passed in July, 1891.

- Miss A. L. L. Cumming.
 Miss A. C. Dewar.
 Miss M. C. Dewar.
 Miss M. Gilchrist.
 Miss M. C. Horner.
 Miss E. D. Lyness.

CURRICULA OF STUDY, AND EXPENSES OF A MEDICAL EDUCATION.

The Class and Hospital Fees, including the regular subjects of a Four or Five Years' Course of Study and Clinical work, will amount to about £80.

To this may be added for supplementary subjects, including Diseases of the Eye, Mental Diseases, etc., which may be attended during the last summer session, an additional sum of from £10 to £20; also the fees of the examining bodies, as on page 99.

The Curricula are as follows :—

I. CURRICULUM FOR THE TRIPLE QUALIFICATION.

| <i>FIRST YEAR.—Winter Session—</i> | <i>Yearly Fees.</i> | |
|-------------------------------------|---------------------|----------|
| Anatomy, - - - - | £3 3 0 | |
| Practical Anatomy, - - | 3 3 0 | |
| Chemistry, - - - - | 3 3 0 | |
| Practical Chemistry, - - | 3 3 0 | |
| *Zoology, - - - - | 3 3 0 | |
| | <hr/> | £15 15 0 |
| <i>Summer Session—</i> | | |
| Anatomy and Practical Ana- | | |
| tomy, - - - - | £2 2 0 | |
| Practical Physiology (His- | | |
| tology), - - - - | 2 2 0 | |
| Practical Pharmacy, - - | 3 3 0 | |
| *Botany, - - - - | 3 3 0 | |
| | <hr/> | 10 10 0 |
| | | £26 5 0 |
| <i>SECOND YEAR.—Winter Session—</i> | | |
| Anatomy, - - - - | £2 2 0 | |
| Practical Anatomy, - - | 3 3 0 | |
| Physiology, - - - - | 3 3 0 | |
| Materia Medica, - - - | 3 3 0 | |
| Surgery, - - - - | 3 3 0 | |
| (Hospital optional.) | <hr/> | £14 14 0 |

* Requisite for Students entering after 1st January, 1892.

Summer Session—

| | | | | | |
|--|----|----|---|-------|---------|
| Anatomy and Practical Anatomy, - - - - | 2 | 2 | 0 | | |
| + Practical Pathology, - - | | | | | |
| Clinical Surgery (see Hospital). | | | | | |
| Hospital fee for year, - | 10 | 10 | 0 | | |
| | | | | <hr/> | |
| | | | | 12 | 12 0 |
| | | | | | <hr/> |
| | | | | | £27 6 0 |

THIRD YEAR.—*Winter Session—*

| | | | | | |
|-----------------------------------|----|---|---|-------|-----|
| Practice of Medicine, - - | £3 | 3 | 0 | | |
| + Pathology, - - | 3 | 3 | 0 | | |
| Clinical Medicine (see Hospital). | | | | | |
| | | | | <hr/> | |
| | | | | £6 | 6 0 |

Summer Session—

| | | | | | |
|----------------------------------|----|----|---|-------|----------|
| Operative Surgery, - - | £2 | 2 | 0 | | |
| Practical Pathology, } (see Hos- | | | | | |
| Clinical Medicine, } pital). | | | | | |
| Hospital Fee, final, for Per- | | | | | |
| petual Ticket, - - | 10 | 10 | 0 | | |
| | | | | <hr/> | |
| | | | | £12 | 12 0 |
| | | | | | <hr/> |
| | | | | | £18 18 0 |

FOURTH YEAR.—*Winter Session—*

| | | | | | |
|---|----|---|---|-------|-----|
| Midwifery and Diseases of Women and Children, - | £3 | 3 | 0 | | |
| Medical Jurisprudence, - | 3 | 3 | 0 | | |
| Surgery and Clinical Surgery, or Practice of Medicine and Clinical Medicine (see Hospital). | | | | | |
| | | | | <hr/> | |
| | | | | £6 | 6 0 |

Summer Session—

| | | | | | |
|----------------------------------|--|--|--|-------|-------|
| Practical Midwifery (see below). | | | | | |
| Vaccination (see Hospital). | | | | | |
| Maternity Hospital Fee, - | | | | 1 | 1 0 |
| | | | | <hr/> | |
| | | | | | 7 7 0 |

FIFTH YEAR.—Clinical and Practical work in Hospital.

| | | | | | |
|---|--|--|--|-------|------|
| (Until 1892, this year's work is not compulsory for the Triple Qualification; see page 37.) | | | | | |
| | | | | <hr/> | |
| | | | | £79 | 16 0 |
| | | | | <hr/> | |

† Form one Course.

II. CURRICULUM FOR M.B., C.M., GLASGOW UNIVERSITY.

(It is hoped this Degree may before long be thrown open to the students of Queen Margaret College.) Students who purpose taking this Degree are recommended to begin their studies in summer, and arrange their course as follows :—

FIRST YEAR.—*Summer Session*—

| | | | | |
|---------------------------------|-------|---|---|--------|
| Botany, | £3 | 3 | 0 | |
| Osteology (tutorial), | 3 | 3 | 0 | |
| | <hr/> | | | £6 6 0 |

Winter Session—

| | | | | |
|--------------------------------|-------|---|---|---------|
| Anatomy (Junior), | £3 | 3 | 0 | |
| Practical Anatomy, | 3 | 3 | 0 | |
| Chemistry, | 3 | 3 | 0 | |
| Practical Chemistry, | 3 | 3 | 0 | |
| Zoology, | 3 | 3 | 0 | |
| | <hr/> | | | 15 15 0 |
| | | | | £22 1 0 |

SECOND YEAR.—*Summer Session*—

| | | | | |
|---------------------------------|-------|---|---|--------|
| Practical Anatomy, | £3 | 3 | 0 | |
| Practical Physiology, | 3 | 3 | 0 | |
| | <hr/> | | | £6 6 0 |

Winter Session—

| | | | | |
|-----------------------------------|-------|----|---|---------|
| Anatomy (Senior), | 2 | 2 | 0 | |
| Practical Anatomy, | 3 | 3 | 0 | |
| Physiology, | 3 | 3 | 0 | |
| Surgery, | 3 | 3 | 0 | |
| Clinical Surgery (see Hospital). | | | | |
| Hospital Fee, 1st year, | 10 | 10 | 0 | |
| | <hr/> | | | 18 18 0 |
| | | | | £25 4 0 |

THIRD YEAR.—*Summer Session*—

| | | | | |
|--------------------------------|-------|---|---|--------|
| Practical Pharmacy, | £3 | 3 | 0 | |
| Practical Pathology, | 3 | 3 | 0 | |
| | <hr/> | | | £6 6 0 |

Winter Session—

| | | | | |
|------------------------------|---|---|---|--|
| Practical Anatomy, | 3 | 3 | 0 | |
| Materia Medica, | 3 | 3 | 0 | |

| | | | |
|-------------------------------|----|----|---|
| Pathology, - - - | 3 | 3 | 0 |
| Hospital Fee, final, for per- | | | |
| petual ticket, - - - | 10 | 10 | 0 |

19 19 0

£26 5 0

FOURTH YEAR.—*Summer Session*—

| | | | |
|-----------------------------------|----|---|---|
| Operative Surgery, - - | £2 | 2 | 0 |
| Clinical Medicine (see Hospital). | | | |

£2 2 0

***Winter Session*—**

| | | | |
|-----------------------------------|----|---|---|
| Medicine, - - - - | £3 | 3 | 0 |
| Clinical Medicine (see Hospital). | | | |
| Medical Jurisprudence, - | 3 | 3 | 0 |
| Midwifery, - - - - | 3 | 3 | 0 |
| Practical Midwifery (see Mater- | | | |
| nity Hospital). | | | |

Lectures on Eye Diseases and
Insanity.

| | | | |
|---------------------------|---|---|---|
| Maternity Hospital Fee, - | 1 | 1 | 0 |
|---------------------------|---|---|---|

10 10 0

£12 12 0

£86 2 0

Students entering after 1st January, 1892, must take a fifth Winter Session, devoted to practical work.

III. CURRICULUM FOR DEGREES OF LONDON UNIVERSITY.

Before entering on the study of Medicine a candidate for the London University Degrees must pass the Matriculation Examination of that University.

FIRST YEAR.—*Summer Session*—

Botany and Botanical Laboratory.

***Winter Session*—**

Zoology.

Physics.

Chemistry.

Practical Chemistry.

(Preliminary Scientific Examination in Organic Chemistry, General Biology, and Experimental Physics.)

SECOND YEAR.—*Summer Session—*

Practical Anatomy.
Practical Physiology.

Winter Session—

Anatomy (Junior).
Chemical Laboratory.
Physiology.

THIRD YEAR.—*Summer Session—*

Practical Anatomy.
Practical Pharmacy.

Winter Session—

Materia Medica.
Pathology.
Surgery.
Clinical Surgery.
(First M.B. Examination.)

FOURTH YEAR.—*Summer Session—*

Practical Pathology.
Clinical Surgery.

Winter Session—

Medicine.
Clinical Medicine.
Midwifery and Diseases of Women.

FIFTH YEAR.—*Summer Session—*

Clinical Medicine.
Operative Surgery.
Fever Hospital.

Winter Session—

Medicine or Surgery, or Midwifery and Diseases of Women.
Practical Midwifery, 20 cases.
Medical Jurisprudence.
Hospital—Gynæcology and Clinical Medicine.
Mental Diseases.
Eye Diseases.
(Final M.B. Examination.)

IV. CURRICULUM FOR DEGREES OF THE ROYAL UNIVERSITY OF IRELAND.

Before entering on her studies a student must pass the Matriculation Examination prescribed by that University, and subsequently the first University Examination in Arts. The Course must then be arranged as follows :—

FIRST YEAR—

- | | | |
|---------------------------|--------------------|---------------|
| (a) Natural Philosophy, | - - - - - | six months. |
| (b) Systematic Chemistry, | - - - - - | „ |
| (c) Biology { | Botany, - - - - - | three months. |
| { | Zoology, - - - - - | „ |
- (First Examination in Medicine two years after Matriculation.)

SECOND YEAR—

- | | | |
|----------------------------|-----------|---------------|
| (a) Systematic Anatomy, | - - - - - | six months. |
| (b) Practical Anatomy, | - - - - - | „ |
| (c) Systematic Physiology, | - - - - - | „ |
| (d) Practical Chemistry, | - - - - - | three months. |
| (e) Materia Medica, | - - - - - | „ |

Hospital—Winter Session.

(Second Examination in Medicine.)

THIRD YEAR—

- | | | |
|---|-----------|-------------|
| (a) Senior Anatomy, | - - - - - | six months. |
| (b) Practical Anatomy, | - - - - - | „ |
| (c) Advanced Systematic Physiology, | - - - - - | „ |
| (d) Practical Physiology and Histology. | | |
| (e) Any one or two of the following :— | | |

(1) Medicine.

(2) Surgery.

(3) Midwifery and Diseases of Women and Children.

Hospital—Winter and Summer.

(Third Examination in Medicine.)

FOURTH YEAR—

(a) Whichever of following has not already been attended—

- (1) Medicine.
- (2) Surgery.
- (3) Midwifery and Diseases of Women and Children, six months.
- (b) Operative Surgery.
- (c) Medical Jurisprudence with Hygiene.
- (d) Pathology, - - - - - three months.
- (e) Mental Diseases, - - - - - „
- (f) Ophthalmology and Otology.
- (g) Hospital, Winter and Summer Sessions.
- (h) Practical Midwifery, six months at Maternity Hospital and 20 cases.
- (i) Fever Hospital, three months, and personal charge of 10 cases.
- (k) Personal charge of six Gynæcological cases.
- (l) Personal charge of six cases Diseases of Children.
- (m) Practical Pharmacy, three months, unless taken in third year.
- (n) Vaccination.
- (o) Attendance on at least six post-mortem examinations.
- (p) Attendance for two months in a general hospital as Clinical Clerk, and two months as Dresser, and these not simultaneously.

FEES FOR THE VARIOUS QUALIFICATIONS TO PRACTICE NOW OPEN TO WOMEN.

| | |
|--|----------|
| Licence in Medicine, Surgery, and Midwifery, Apothecaries' Hall, London, - - - - - | £10 10 0 |
| Licence of College of Physicians and College of Surgeons, Edinburgh, and Faculty of Physicians and Surgeons, Glasgow (Triple Qualification), - - - - - | 26 5 0 |
| Diplomas of Conjoint Colleges of Physicians and Surgeons, Ireland, in Medicine, Midwifery, and Surgery, - - - - - | 42 0 0 |
| Fellowship of R.C.S.I., - - - - - | 26 0 0 |
| M.B. and B.S. Degrees of University of London, - - - - - | 20 0 0 |
| M.D. and M.S. „ „ „ - - - - - | 10 0 0 |
| M.B. of University of Ireland, - - - - - | 6 0 0 |
| M.D. and M. Ch. of Royal University of Ireland, - - - - - | 10 0 0 |

Holders of any of the above are legally qualified to be placed on the Medical Register. Additional qualifications in Sanitary Science are open to women, but are not compulsory for Registration.

**PRELIMINARY EXAMINATION IN GENERAL EDUCATION, AND
REGISTRATION OF MEDICAL STUDENTS BY THE
GENERAL COUNCIL.**

No person shall be allowed to be registered as a Medical Student in 1891 unless he or she shall have previously passed a Preliminary Examination in the subjects of General Education as specified in the following list :—

- (1.) ENGLISH LANGUAGE, including Grammar and Composition ;
- (2.) LATIN, including Grammar, Translation from specified authors, and Translation of easy passages not taken from such authors ;
- (3.) ELEMENTS OF MATHEMATICS, comprising (a) Arithmetic, including Vulgar and Decimal Fractions ; (b) Algebra, including Simple Equations ; (c) Geometry, including the first book of Euclid, with easy questions on the subject-matter of the same ;
- (4.) ELEMENTARY MECHANICS OF SOLIDS AND FLUIDS, comprising the Elements of Statics, Dynamics, and Hydrostatics ;
- (5.) ONE OF THE FOLLOWING OPTIONAL SUBJECTS :—(a) Greek ; (b) French ; (c) German ; (d) Italian ; (e) any other Modern Language ; (f) Logic ; (g) Botany ; (h) Zoology ; (i) Elementary Chemistry.

On 1st January, 1892, the following alterations in the Regulations will take effect :—

- (1.) Candidates must pass in the first *three* books of Euclid, or the subject matter thereof.
- (2.) Elementary Mechanics, Botany, Zoology, and Elementary Chemistry cease to be subjects of the Preliminary Examinations.
- (3.) All the necessary subjects must be passed at one period.

The Preliminary Examination of the Faculty of Physicians and Surgeons of Glasgow entitles the Student to Registration.

A Senior or Junior Certificate of the Local Examinations of any of the Universities, or the London Matriculation (besides other examinations, for which see the regulations for the Triple Qualification) will be accepted instead of the Preliminary Examination, in so far as it includes the subjects required; any of the necessary subjects not included in it must be taken at the Preliminary Examination.

In 1891 in the Preliminary Examination of the Scottish Licensing Bodies, every candidate for a full certificate must pass in all the four first-named subjects, and in one of the optional subjects, showing a competent knowledge in all five; excellence in one subject will not compensate for deficiency in another. Candidates who pass in some of the necessary subjects, but not in all, will receive certificates specifying the subjects in which they have passed, and will be re-examined only on those subjects in which they have not previously passed. The subjects may be passed at one or more examinations, but in the case of candidates who enter for or pass in any number of subjects less than the whole, a higher standard of proficiency will be required in each subject than in the case of those who enter for and pass the entire examination at one period. A certificate of having passed the examination in full will entitle its possessor, on commencing professional study, to have her name enrolled as a medical student by the Registrar of the division of the kingdom in which she is residing. A certificate of having passed part of the examination will qualify *pro tanto*.

In 1892 every Candidate must pass at one period in all the three first-named subjects, with three books of Euclid, and in one of the first six optional subjects.

By the regulations of the General Medical Council any period of study taken more than fifteen days before registration cannot be recognised. The Registrar for Scotland is—Mr. James Robertson, Solicitor, 1 George Square, Edinburgh.

The fee for the Examination of the Faculty of Physicians and Surgeons of Glasgow is 10s. Sets of questions of previous Examinations can be had from the Secretary of the Faculty, price 6d.

Examinations are held in Glasgow in the Faculty Hall, 242 St. Vincent St., on 2nd July, 1st October, 1891, 24th March, 30th June, and 29th September, 1892. Secretary, Mr. Alexander Duncan, B.A.

In addition to the above-mentioned Preliminary Examination, Candidates for the Degree of Bachelor of Medicine and Master in Surgery of the University of Glasgow are required to undergo, *previously*

to their *First Professional Examination* (and, it is recommended, as far as possible, previous to the commencement of professional study), an examination in Books II. and III. of Euclid, and in one of the following: Greek, French, German, Higher Mathematics, Natural Philosophy, Logic, Moral Philosophy.

NOTE.—The Degrees of the University of Glasgow are not now (1891) open to women; but it is hoped that among the changes to be made by the Universities Commission now sitting may be included the admission of women to University Examinations and Degrees.

A student who wishes to prepare for the Degrees of the University of London, or of Ireland, must pass the Matriculation Examination of the University she selects. The regulations for these Examinations may be had, for London, from the Registrar, University of London, Burlington Gardens, London, W.; Examination Fee, £2; dates of Examination, January and June; for the Royal University of Ireland, at 25 Upper Merrion St., Dublin; Examination Fee, 10s.; date of Examination, October.

REGULATIONS FOR CANDIDATES FOR THE QUALIFICATIONS IN
MEDICINE AND SURGERY CONFERRED CONJOINTLY BY
THE ROYAL COLLEGE OF PHYSICIANS OF EDINBURGH,
THE ROYAL COLLEGE OF SURGEONS OF EDINBURGH,
AND THE FACULTY OF PHYSICIANS AND SURGEONS
OF GLASGOW.

PROFESSIONAL EDUCATION.

1. Candidates must have been engaged in Professional Study during Forty-five months from the date of registration as Medical Students by the General Medical Council, which period shall include not less than Four Winter Sessions' attendance at one or more recognised Medical School or Schools.

NOTE.—The General Medical Council have resolved that for Students beginning study after 1st January, 1892, the period of professional study, between the date of Registration as a Medical Student and the date of Final Examination for any Diploma which entitles its bearer to be registered under the *Medical Acts*, must be a period of *bona fide* study during not less than five years.

2. The Candidate must produce certificates or other satisfactory evidence of having attended the following separate and distinct Courses of Instruction, at such Schools and under such Teachers as are recognised, the Certificates distinguishing the Sessions and the Schools in which they were severally attended:—

| | | <i>Duration, at least</i> |
|---|-----------|---------------------------|
| Anatomy, - - - - - | 1 Course, | Six months. |
| Practical Anatomy, - - - - - | | Twelve months. |
| Chemistry, - - - - - | 1 Course, | Six months. |
| Practical or Analytical Chemistry, - - - | 1 Do., | Three months. |
| Materia Medica, - - - - - | 1 Do., | Three months. |
| Physiology, - - - - - | 1 Do., | Six months. |
| Practice of Medicine, - - - - - | 1 Do., | Six months. |
| Clinical Medicine, - - - - - | | Nine months. |
| Principles and Practice of Surgery, - - - | 1 Do., | Six months. |
| Clinical Surgery, - - - - - | | Nine months. |
| Midwifery and the Diseases of Women and Children, - - - - - | 1 Do., | Three months. |
| Medical Jurisprudence, - - - - - | 1 Do., | Three months. |
| Pathological Anatomy, - - - - - | 1 Do., | Three months. |

The six months' Courses delivered in *Scotland*, with the exception of Clinical Medicine and Clinical Surgery, must consist of not fewer than 100 Lectures. The three months' Courses must consist of not fewer than 50 Lectures. The number of Lectures certified as attended at any school not situated in *Scotland* should not be less than three-fourths of the total number of Lectures delivered in a Course.

The Candidates must also produce Certificates of (a) attendance on not less than six (for Glasgow University twelve) Midwifery cases (three months' attendance on the indoor practice of a Maternity Hospital, and attendance at twenty cases is recommended); (b) three months' instruction in Practical Pharmacy; (c) twenty-four months' attendance on the Medical and Surgical Practice of a Public General Hospital; (d) six months' attendance, after the Student has passed the First and Second Professional Examinations, on the practice of a specially-recognised Public Dispensary (or three months, with three months' hospital clerkship), or the out-patient practice of a recognised general Hospital; (e) six weeks' instruction in the Theory and Practice of Vaccination.

The following alterations will affect all Students who begin study after 31st December, 1891:—

- (1.) The Course of study will be extended to five years. (See Note, page 102.)
- (2.) The following subjects will be added to the course of study :—
- | | |
|------------------------|-----------------------------|
| Physics, - - - | 1 Course, 3 months. |
| Elementary Biology, - | 1 Course, 6 months. |
| or | |
| Botany, - - - | 1 Course, 3 months. |
| Zoology, - - - | 1 Course, 3 months. |
| Mental Diseases, - | 1 Course, 3 months. |
| Ophthalmic Surgery, - | 1 Course, 3 months. |
| Infectious Diseases, - | 3 months in Fever Hospital. |

Candidates are advised to attend, in addition to the Courses of Instruction which are absolutely required, Practical or Tutorial Clinical Instruction in Medicine, Surgery, and Gynaecology, and Lectures on Aural Diseases; and to obtain practical instruction in the Use of the Microscope, and its applications to Physiology and Medicine. It is also recommended that while the Student is engaged in Anatomical and Physiological studies, she should familiarise herself in the wards of the hospital with the subjects of "Fractures," "Dislocations," and the "Diseases of Bones and Joints"; and that the last year of the curriculum should be devoted as much as possible to clinical work and study.

PROFESSIONAL EXAMINATIONS FOR THE TRIPLE QUALIFICATION.

The First Professional Examination takes place not sooner than the end of the first year of study, and includes Chemistry, Elementary Anatomy, and Histology.

The Second Professional Examination takes place not sooner than the end of the second year of study, and includes Anatomy, Physiology, Materia Medica and Pharmacy. The Final Examination takes place not sooner than the end of the full period of study, and includes the Principles and Practice of Medicine (including Therapeutics, Medical Anatomy and Pathology); Clinical Medicine; the Principles and Practice of Surgery (including Surgical Anatomy and Surgical Pathology); Clinical Surgery; Midwifery and Gynaecology, Medical Jurisprudence and Hygiene.

For particulars of these Examinations and alterations affecting Students beginning study after 1891 see the Regulations of the Joint Examinations for the year (T. & A. Constable & Co., Edinburgh), which may be obtained from Mr. Alexander Duncan, B.A., Faculty Hall, 242 St. Vincent Street.

NORTHERN UNITED REGISTRY FOR GOVERNESSES.

Established under the auspices of

QUEEN MARGARET COLLEGE, GLASGOW ;

THE YORKSHIRE ASSOCIATION FOR PROMOTING THE EMPLOYMENT
OF GENTLEWOMEN (in connection with the Yorkshire Ladies'
Council of Education).

BRANCHES.

GLASGOW—MISS FINDLAY, 47 Kersland Terrace, Hillhead, Glasgow.
Hon. Sec.*

LEEDS—MRS. FENWICK, Allerton Hill, Chapel Allerton, Hon. Sec.
Assistant Sec., Tower Buildings, Leeds, to whom all letters are
to be addressed.

This United Registry has been established by the Committees of the
above College and Association in order to form a means of communica-
tion between governesses and employers, opening to both a wider field
of choice than is possible in a single Registry.

Names of governesses and of employers will be received by the
Secretaries of either of the Branches ; governesses will be required to
furnish two satisfactory letters of reference, one of which must be
from a lady.

If the Secretary applied to should not be able, from her own list,
to provide an employer with a suitable teacher, she will forward par-
ticulars to the other branch, and the Secretary who can meet the
requirement will communicate directly with the employer.

Ladies, whether employers or governesses, who, after application
to the Registry, make an engagement through one of the branches,

* Ladies desiring a personal interview can see Miss Findlay on Tuesdays and
Thursdays, from Eleven till One o'clock, at Queen Margaret College, except
during the months of July and August, when the work is entirely carried on by
correspondence. Letters at all times to be sent to the Secretary's private
address.

or by any other means, are requested to communicate immediately with the Secretary to whom application was made; information should also be given when a negotiation terminates unsuccessfully.

N.B.—Owing to the amount of unnecessary trouble entailed on the Secretaries through the neglect of this rule on the part of the governesses, the Committees have desired that governesses who neglect to give intimation within one week after making an engagement shall be ineligible for re-admission to the Registry.

FEEs.

GOVERNESSES.—One shilling to be paid, when the name is entered, to the Secretary to whom application is made; and a further fee of One Shilling on concluding an engagement is payable to the Secretary through whom the situation is obtained. One Shilling to be paid on each occasion when the name is re-entered on the Registry.

EMPLOYERS.—One Shilling to be paid, when the name is entered, to the Secretary to whom application is made, and a further sum of Four Shillings will be due to the Secretary who supplies the name of the governess engaged.

Communications to be addressed to either of the Secretaries named above, application to either of whom gives employers access to both the branches.

Governesses receiving the names and addresses of employers for their personal use must not hand on these to other governesses, or in any way recommend friends of their own without the sanction of the Hon. Sec. from whom they received the names.

N.B.—Names of governesses, whether certificated or uncertificated, will be received. Those who hold University certificates will, however, have special prominence given them on the Registry. The promoters of the Registry desire to press upon the attention of teachers the great importance of qualifying themselves by taking University certificates to keep pace with the requirements of modern education.

All letters addressed to the Hon. or Assistant Secretaries must be endorsed on the left hand of the envelope "N.U.R."